

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110822\
 Data File : VN075209.D
 Acq On : 08 Nov 2022 17:00
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/09/2022
 Supervised By : Mahesh Dadoda 11/09/2022

Quant Time: Nov 09 01:33:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	116637	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	212633	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	199524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	119335	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	74080	47.138	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.280%		
35) Dibromofluoromethane	8.171	113	61622	49.366	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.740%		
50) Toluene-d8	10.565	98	241206	49.806	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.620%		
62) 4-Bromofluorobenzene	12.847	95	90918	53.443	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.880%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	68077	44.867	ug/l	97
3) Chloromethane	2.371	50	65865	40.868	ug/l	97
4) Vinyl Chloride	2.524	62	88085	38.312	ug/l	94
5) Bromomethane	2.942	94	69017	41.066	ug/l	97
6) Chloroethane	3.118	64	62941	38.177	ug/l	97
7) Trichlorofluoromethane	3.501	101	108871	46.354	ug/l	100
8) Diethyl Ether	3.965	74	40525	47.305	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.377	101	62474	48.165	ug/l	99
10) Methyl Iodide	4.589	142	87274	45.196	ug/l	99
11) Tert butyl alcohol	5.536	59	64747	176.668	ug/l	100
12) 1,1-Dichloroethene	4.348	96	57370	46.402	ug/l	97
13) Acrolein	4.189	56	48347	161.281	ug/l	98
14) Allyl chloride	5.030	41	82846m	45.879	ug/l	
15) Acrylonitrile	5.730	53	167388	216.212	ug/l	99
16) Acetone	4.436	43	135273	203.286	ug/l	96
17) Carbon Disulfide	4.718	76	129582	41.677	ug/l	98
18) Methyl Acetate	5.036	43	101553	46.721	ug/l	96
19) Methyl tert-butyl Ether	5.806	73	222610	48.443	ug/l	99
20) Methylene Chloride	5.283	84	68328	46.053	ug/l	91
21) trans-1,2-Dichloroethene	5.789	96	63534	46.933	ug/l	97
22) Diisopropyl ether	6.677	45	188883	47.399	ug/l	99
23) Vinyl Acetate	6.612	43	703251m	211.335	ug/l	
24) 1,1-Dichloroethane	6.577	63	118298	46.938	ug/l	100
25) 2-Butanone	7.489	43	214891	205.312	ug/l	100
26) 2,2-Dichloropropane	7.494	77	109334	47.156	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	79867	49.404	ug/l	96
28) Bromochloromethane	7.818	49	47049	44.284	ug/l	93
29) Tetrahydrofuran	7.841	42	142105	210.109	ug/l	99
30) Chloroform	7.971	83	132895	48.566	ug/l	97
31) Cyclohexane	8.259	56	98924	42.323	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	122383	49.250	ug/l	98
36) 1,1-Dichloropropene	8.371	75	95301	49.314	ug/l	100
37) Ethyl Acetate	7.565	43	88399	41.710	ug/l	99
38) Carbon Tetrachloride	8.365	117	106251	49.982	ug/l	94
39) Methylcyclohexane	9.600	83	120992	47.424	ug/l	98
40) Benzene	8.606	78	287820	48.642	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110822\
 Data File : VN075209.D
 Acq On : 08 Nov 2022 17:00
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/09/2022
 Supervised By : Mahesh Dadoda 11/09/2022

Quant Time: Nov 09 01:33:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	44648	43.971	ug/l	94
42) 1,2-Dichloroethane	8.677	62	100848	46.846	ug/l	97
43) Isopropyl Acetate	8.689	43	150391	45.747	ug/l	98
44) Trichloroethene	9.353	130	83034	55.933	ug/l	100
45) 1,2-Dichloropropane	9.624	63	71202	50.564	ug/l	98
46) Dibromomethane	9.712	93	54180	49.386	ug/l	99
47) Bromodichloromethane	9.888	83	106437	50.099	ug/l #	97
48) Methyl methacrylate	9.683	41	67880	45.014	ug/l	96
49) 1,4-Dioxane	9.694	88	36022	912.217	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	470305	221.697	ug/l	98
52) Toluene	10.630	92	195652	49.464	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	114038	50.854	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	118823	49.958	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	79262	50.538	ug/l	97
56) Ethyl methacrylate	10.877	69	120273	50.274	ug/l	98
57) 1,3-Dichloropropane	11.165	76	129918	49.742	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	246765	266.811	ug/l	99
59) 2-Hexanone	11.194	43	341400	212.042	ug/l	97
60) Dibromochloromethane	11.359	129	87969	53.164	ug/l	100
61) 1,2-Dibromoethane	11.471	107	82713	51.462	ug/l	99
64) Tetrachloroethene	11.106	164	97146	79.416	ug/l	96
65) Chlorobenzene	11.894	112	214328	50.325	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	82021	51.916	ug/l	98
67) Ethyl Benzene	11.965	91	388414	50.691	ug/l	98
68) m/p-Xylenes	12.071	106	314567	102.315	ug/l	99
69) o-Xylene	12.400	106	156435	51.450	ug/l	96
70) Styrene	12.412	104	255451	52.691	ug/l	99
71) Bromoform	12.576	173	63357	53.563	ug/l #	98
73) Isopropylbenzene	12.694	105	406488	42.429	ug/l	99
74) N-amyl acetate	12.494	43	133577	37.698	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	101072	35.411	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	104990m	41.436	ug/l	
77) Bromobenzene	12.982	156	94655	44.871	ug/l	91
78) n-propylbenzene	13.035	91	471814	43.864	ug/l	100
79) 2-Chlorotoluene	13.124	91	282222	42.938	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	355662	44.200	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	38394	38.897	ug/l	91
82) 4-Chlorotoluene	13.124	91	282222	42.938	ug/l	96
83) tert-Butylbenzene	13.441	119	322558	45.113	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	369057	45.330	ug/l	99
85) sec-Butylbenzene	13.618	105	463931	46.382	ug/l	100
86) p-Isopropyltoluene	13.729	119	402465	48.721	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	199281	48.249	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	199377	48.776	ug/l	99
89) n-Butylbenzene	14.059	91	343826	51.687	ug/l	98
90) Hexachloroethane	14.335	117	66130	43.662	ug/l	90
91) 1,2-Dichlorobenzene	14.106	146	199214	48.516	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	27197	42.086	ug/l	70
93) 1,2,4-Trichlorobenzene	15.394	180	103196	58.404	ug/l	99
94) Hexachlorobutadiene	15.500	225	45763	53.127	ug/l	98
95) Naphthalene	15.641	128	355000	52.245	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	97548	55.563	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110822\
Data File : VN075209.D
Acq On : 08 Nov 2022 17:00
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022

Quant Time: Nov 09 01:33:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 09:48:49 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

