

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100522\
 Data File : VN074737.D
 Acq On : 05 Oct 2022 12:34
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: Oct 06 04:39:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 04:37:19 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/06/2022
 Supervised By : Mahesh Dadoda 10/06/2022

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	319721	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	599075	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	610690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	320245	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	81189	10.717	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	21.440%#		
35) Dibromofluoromethane	8.177	113	63139	10.300	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	20.600%#		
50) Toluene-d8	10.571	98	260081	10.014	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	20.020%#		
62) 4-Bromofluorobenzene	12.853	95	74431	9.428	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	18.860%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.148	85	71560	10.914	ug/l	98
3) Chloromethane	2.377	50	104105	10.676	ug/l	97
4) Vinyl Chloride	2.536	62	130768	10.831	ug/l #	86
5) Bromomethane	2.954	94	90755	10.660	ug/l	89
6) Chloroethane	3.124	64	98696	10.995	ug/l	93
7) Trichlorofluoromethane	3.512	101	102577	10.709	ug/l	99
8) Diethyl Ether	3.989	74	53300	10.738	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.395	101	59598	10.224	ug/l	99
10) Methyl Iodide	4.612	142	76993	10.892	ug/l	95
11) Tert butyl alcohol	5.553	59	133692	53.246	ug/l #	86
12) 1,1-Dichloroethene	4.365	96	64905	10.427	ug/l	94
13) Acrolein	4.206	56	33247	44.136	ug/l	90
14) Allyl chloride	5.030	41	142511m	11.005	ug/l	
15) Acrylonitrile	5.742	53	282972	51.134	ug/l	97
16) Acetone	4.459	43	222163	51.749	ug/l	99
17) Carbon Disulfide	4.742	76	177674	10.478	ug/l	97
18) Methyl Acetate	5.053	43	168883	10.625	ug/l	100
19) Methyl tert-butyl Ether	5.830	73	245852	10.184	ug/l	97
20) Methylene Chloride	5.289	84	76683	9.658	ug/l #	85
21) trans-1,2-Dichloroethene	5.806	96	71149	10.351	ug/l #	61
22) Diisopropyl ether	6.689	45	270053	10.055	ug/l #	94
23) Vinyl Acetate	6.624	43	1071719	48.169	ug/l	99
24) 1,1-Dichloroethane	6.583	63	148383	10.625	ug/l	98
25) 2-Butanone	7.506	43	395153	50.717	ug/l	95
26) 2,2-Dichloropropane	7.506	77	120555	10.467	ug/l	100
27) cis-1,2-Dichloroethene	7.500	96	83654	10.587	ug/l	100
28) Bromochloromethane	7.818	49	62152	9.864	ug/l	98
29) Tetrahydrofuran	7.853	42	281075	51.762	ug/l	100
30) Chloroform	7.977	83	129606	10.133	ug/l	88
31) Cyclohexane	8.259	56	135992	10.386	ug/l	93
32) 1,1,1-Trichloroethane	8.183	97	108956	9.994	ug/l	96
36) 1,1-Dichloropropene	8.383	75	97065	9.899	ug/l	97
37) Ethyl Acetate	7.506	43	395153	9.712	ug/l #	48
38) Carbon Tetrachloride	8.371	117	92297	9.990	ug/l #	94
39) Methylcyclohexane	9.606	83	125684	9.903	ug/l	94
40) Benzene	8.612	78	322071	10.155	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100522\
 Data File : VN074737.D
 Acq On : 05 Oct 2022 12:34
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/06/2022
 Supervised By : Mahesh Dadoda 10/06/2022

Quant Time: Oct 06 04:39:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 04:37:19 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	80482	10.396	ug/l	97
42) 1,2-Dichloroethane	8.677	62	100535	10.099	ug/l	97
43) Isopropyl Acetate	8.694	43	249139	10.259	ug/l	98
44) Trichloroethene	9.359	130	66461	10.061	ug/l	87
45) 1,2-Dichloropropane	9.624	63	91134	10.612	ug/l	99
46) Dibromomethane	9.712	93	54054	10.727	ug/l	95
47) Bromodichloromethane	9.894	83	108205	10.510	ug/l	92
48) Methyl methacrylate	9.606	41	99659	9.996	ug/l #	93
49) 1,4-Dioxane	9.700	88	41571	192.381	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	788720	50.436	ug/l	100
52) Toluene	10.635	92	191121	10.031	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	122198	9.961	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	131824	9.954	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	80437	10.500	ug/l	95
56) Ethyl methacrylate	10.877	69	137604	9.862	ug/l	99
57) 1,3-Dichloropropane	11.165	76	141834	10.272	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	263988	52.455	ug/l	99
59) 2-Hexanone	11.200	43	605376	51.179	ug/l	96
60) Dibromochloromethane	11.359	129	72476	9.603	ug/l	96
61) 1,2-Dibromoethane	11.477	107	77329	9.927	ug/l	97
64) Tetrachloroethene	11.106	164	50742	10.235	ug/l	89
65) Chlorobenzene	11.894	112	189146	10.110	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	67996	9.954	ug/l	97
67) Ethyl Benzene	11.965	91	343481	9.850	ug/l	93
68) m/p-Xylenes	12.071	106	265088	20.250	ug/l	94
69) o-Xylene	12.400	106	137757	10.257	ug/l	98
70) Styrene	12.412	104	210278	9.932	ug/l	98
71) Bromoform	12.576	173	51154	9.817	ug/l #	97
73) Isopropylbenzene	12.700	105	332110	10.777	ug/l	99
74) N-amyl acetate	12.494	43	191518	10.279	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	134537	11.031	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	94452m	9.493	ug/l	
77) Bromobenzene	12.982	156	63504	9.974	ug/l	94
78) n-propylbenzene	13.041	91	369051	10.395	ug/l	98
79) 2-Chlorotoluene	13.129	91	224866	10.445	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	267006	10.864	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	55427	11.298	ug/l	93
82) 4-Chlorotoluene	13.223	91	205242	10.282	ug/l	100
83) tert-Butylbenzene	13.441	119	231363	10.894	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	265897	10.699	ug/l	98
85) sec-Butylbenzene	13.618	105	328135	10.632	ug/l	100
86) p-Isopropyltoluene	13.729	119	250570	10.521	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	118694	9.712	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	113087	9.796	ug/l	94
89) n-Butylbenzene	14.059	91	207771	9.897	ug/l	98
90) Hexachloroethane	14.335	117	53800	10.103	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	127421	10.826	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	28127	10.941	ug/l	90
93) 1,2,4-Trichlorobenzene	15.394	180	52495	10.196	ug/l	99
94) Hexachlorobutadiene	15.506	225	24672	10.244	ug/l	94
95) Naphthalene	15.647	128	236663	10.633	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	57563	10.404	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100522\
 Data File : VN074737.D
 Acq On : 05 Oct 2022 12:34
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
ClientSampleId :
 VSTDICC010

Manual Integrations
APPROVED

Reviewed By : John Carlone 10/06/2022
 Supervised By : Mahesh Dadoda 10/06/2022

Quant Time: Oct 06 04:39:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 04:37:19 2022
 Response via : Initial Calibration

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

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

