

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032522\
 Data File : VN071529.D
 Acq On : 24 Mar 2022 19:34
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Mar 25 09:32:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 09:31:19 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/25/2022
 Supervised By : Mahesh Dadoda 03/28/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	669311	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1087550	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	968017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	341429	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	41256	5.376	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	10.760%#		
35) Dibromofluoromethane	8.016	113	33460	5.201	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	10.400%#		
50) Toluene-d8	10.439	98	134706	5.213	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	10.420%#		
62) 4-Bromofluorobenzene	12.727	95	40489	4.453	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	8.900%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	34235	4.937	ug/l	98
3) Chloromethane	2.299	50	44140	5.087	ug/l	96
4) Vinyl Chloride	2.440	62	46724	5.276	ug/l	96
5) Bromomethane	2.828	94	33285	6.562	ug/l	90
6) Chloroethane	2.998	64	33964	5.830	ug/l	98
7) Trichlorofluoromethane	3.369	101	53769	4.910	ug/l	99
8) Diethyl Ether	3.822	74	22180	4.686	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.204	101	32321	4.834	ug/l	98
10) Methyl Iodide	4.422	142	43712	4.715	ug/l	100
11) Tert butyl alcohol	5.363	59	36068	25.526	ug/l	100
12) 1,1-Dichloroethene	4.181	96	31055	4.740	ug/l	94
13) Acrolein	4.040	56	31854	25.530	ug/l	96
14) Allyl chloride	4.834	41	48940	4.020	ug/l	99
15) Acrylonitrile	5.551	53	101766	24.754	ug/l	98
16) Acetone	4.287	43	83547	20.441	ug/l	96
17) Carbon Disulfide	4.528	76	77917	4.216	ug/l	99
18) Methyl Acetate	4.857	43	51959	5.127	ug/l	99
19) Methyl tert-butyl Ether	5.616	73	107156	4.694	ug/l	99
20) Methylene Chloride	5.098	84	39362	5.146	ug/l	96
21) trans-1,2-Dichloroethene	5.592	96	34362	4.906	ug/l	99
22) Diisopropyl ether	6.498	45	103409	4.402	ug/l	94
23) Vinyl Acetate	6.434	43	425969	21.384	ug/l	100
24) 1,1-Dichloroethane	6.381	63	62211	4.664	ug/l	96
25) 2-Butanone	7.328	43	131579	23.705	ug/l	100
26) 2,2-Dichloropropane	7.328	77	52789	4.763	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	40659	5.028	ug/l	98
28) Bromochloromethane	7.657	49	25295	4.708	ug/l	99
29) Tetrahydrofuran	7.681	42	88412	24.415	ug/l	99
30) Chloroform	7.810	83	66166	5.024	ug/l	99
31) Cyclohexane	8.086	56	67195	5.194	ug/l #	87
32) 1,1,1-Trichloroethane	8.010	97	53826	4.740	ug/l	97
36) 1,1-Dichloropropene	8.216	75	47075	4.503	ug/l	99
37) Ethyl Acetate	7.410	43	49561	4.393	ug/l	95
38) Carbon Tetrachloride	8.198	117	45310	4.404	ug/l	98
39) Methylcyclohexane	9.457	83	55568	4.142	ug/l	98
40) Benzene	8.451	78	150493	4.832	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032522\
 Data File : VN071529.D
 Acq On : 24 Mar 2022 19:34
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/25/2022
 Supervised By : Mahesh Dadoda 03/28/2022

Quant Time: Mar 25 09:32:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 09:31:19 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	24716	4.296	ug/l	97
42) 1,2-Dichloroethane	8.528	62	52651	4.934	ug/l	99
43) Isopropyl Acetate	8.557	43	84341	4.782	ug/l	97
44) Trichloroethene	9.216	130	38615	4.714	ug/l	93
45) 1,2-Dichloropropane	9.486	63	37138	4.684	ug/l	100
46) Dibromomethane	9.575	93	25368	4.833	ug/l	99
47) Bromodichloromethane	9.757	83	48802	4.603	ug/l	95
48) Methyl methacrylate	9.557	41	32560	3.903	ug/l	91
49) 1,4-Dioxane	9.563	88	16392	105.317	ug/l #	90
51) 4-Methyl-2-Pentanone	10.327	43	253928	23.417	ug/l	98
52) Toluene	10.504	92	92676	4.740	ug/l	97
53) t-1,3-Dichloropropene	10.716	75	48682	4.243	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	54665	4.343	ug/l	99
55) 1,1,2-Trichloroethane	10.892	97	38090	4.959	ug/l	98
56) Ethyl methacrylate	10.757	69	52391	4.525	ug/l	97
57) 1,3-Dichloropropane	11.039	76	64416	4.867	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.039	63	55398	25.383	ug/l	99
59) 2-Hexanone	11.080	43	178518	23.816	ug/l	97
60) Dibromochloromethane	11.233	129	35657	4.434	ug/l	99
61) 1,2-Dibromoethane	11.339	107	36761	4.698	ug/l	98
64) Tetrachloroethene	10.974	164	33817	4.575	ug/l	98
65) Chlorobenzene	11.769	112	101282	4.885	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.839	131	34574	4.592	ug/l	98
67) Ethyl Benzene	11.839	91	164945	4.556	ug/l	99
68) m/p-Xylenes	11.951	106	126270	9.047	ug/l	98
69) o-Xylene	12.274	106	61781	4.515	ug/l	99
70) Styrene	12.286	104	92183	4.259	ug/l	99
71) Bromoform	12.451	173	25600	4.272	ug/l #	98
73) Isopropylbenzene	12.574	105	153360	5.509	ug/l	100
74) N-amyl acetate	12.386	43	45185	5.096	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.821	83	54167	6.056	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	42827m	5.484	ug/l	
77) Bromobenzene	12.857	156	39389	5.793	ug/l	96
78) n-propylbenzene	12.916	91	152103	4.892	ug/l	100
79) 2-Chlorotoluene	13.004	91	104731	5.528	ug/l	97
80) 1,3,5-Trimethylbenzene	13.057	105	120525	5.372	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	12958	5.075	ug/l	93
82) 4-Chlorotoluene	13.104	91	92226	5.055	ug/l	100
83) tert-Butylbenzene	13.321	119	109050	5.142	ug/l	100
84) 1,2,4-Trimethylbenzene	13.363	105	112697	5.103	ug/l	100
85) sec-Butylbenzene	13.498	105	138841	4.968	ug/l	99
86) p-Isopropyltoluene	13.610	119	109232	4.782	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	59987	5.043	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	57062	4.892	ug/l	93
89) n-Butylbenzene	13.939	91	76474	4.158	ug/l	98
90) Hexachloroethane	14.204	117	21379	5.207	ug/l	98
91) 1,2-Dichlorobenzene	13.986	146	57502	5.127	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	8045	5.514	ug/l	97
93) 1,2,4-Trichlorobenzene	15.262	180	20147	3.696	ug/l	99
94) Hexachlorobutadiene	15.368	225	16488	4.176	ug/l	99
95) Naphthalene	15.504	128	47073	3.944	ug/l	96
96) 1,2,3-Trichlorobenzene	15.698	180	19560	3.903	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032522\
Data File : VN071529.D
Acq On : 24 Mar 2022 19:34
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By : John Carlone 03/25/2022
Supervised By : Mahesh Dadoda 03/28/2022

Quant Time: Mar 25 09:32:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032522W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 25 09:31:19 2022
Response via : Initial Calibration

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

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

