

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041524\
 Data File : VN081737.D
 Acq On : 15 Apr 2024 13:47
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/15/2024
 Supervised By : Semsettin Yesilyurt 04/16/2024

Quant Time: Apr 15 15:14:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041524W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 15:10:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	237983	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	433044	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	386167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	164946	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	18554	5.540	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	11.080%#		
35) Dibromofluoromethane	8.159	113	15194	5.313	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.620%#		
50) Toluene-d8	10.571	98	52151	4.950	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	9.900%#		
62) 4-Bromofluorobenzene	12.853	95	17304	4.807	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	9.620%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	14104	4.680	ug/l	97
3) Chloromethane	2.359	50	16129	3.735	ug/l	97
4) Vinyl Chloride	2.518	62	18419	4.993	ug/l	99
5) Bromomethane	2.954	94	14075	6.315	ug/l	92
6) Chloroethane	3.118	64	14126	4.318	ug/l	100
7) Trichlorofluoromethane	3.495	101	25936	5.445	ug/l	89
8) Diethyl Ether	3.965	74	8022	4.798	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	15481	5.189	ug/l	94
10) Methyl Iodide	4.589	142	6887	4.301	ug/l	93
11) Tert butyl alcohol	5.518	59	13035	28.535	ug/l #	84
12) 1,1-Dichloroethene	4.336	96	14365	5.080	ug/l	88
13) Acrolein	4.171	56	13064	26.902	ug/l	95
14) Allyl chloride	5.024	41	18602	5.152	ug/l	94
15) Acrylonitrile	5.724	53	30763	24.402	ug/l	96
16) Acetone	4.430	43	24070	25.825	ug/l	91
17) Carbon Disulfide	4.712	76	41623	5.065	ug/l #	94
18) Methyl Acetate	5.024	43	13478	5.170	ug/l #	82
19) Methyl tert-butyl Ether	5.794	73	41688	5.066	ug/l	92
20) Methylene Chloride	5.283	84	16969	4.212	ug/l	93
21) trans-1,2-Dichloroethene	5.783	96	13737	4.837	ug/l #	77
22) Diisopropyl ether	6.671	45	39026	4.998	ug/l	94
23) Vinyl Acetate	6.606	43	149678	24.556	ug/l	96
24) 1,1-Dichloroethane	6.571	63	26736	5.204	ug/l	94
25) 2-Butanone	7.489	43	37850	24.634	ug/l	92
26) 2,2-Dichloropropane	7.494	77	22333	4.986	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	17582	5.061	ug/l	98
28) Bromochloromethane	7.818	49	12362	5.636	ug/l	94
29) Tetrahydrofuran	7.841	42	24704	24.851	ug/l	96
30) Chloroform	7.965	83	30682	5.266	ug/l	92
31) Cyclohexane	8.265	56	27103	5.900	ug/l #	87
32) 1,1,1-Trichloroethane	8.171	97	26475	5.125	ug/l #	51
36) 1,1-Dichloropropene	8.371	75	19192	4.817	ug/l	97
37) Ethyl Acetate	7.559	43	15873	4.848	ug/l #	79
38) Carbon Tetrachloride	8.359	117	22827	4.925	ug/l	95
39) Methylcyclohexane	9.606	83	22018	4.691	ug/l	89
40) Benzene	8.606	78	60930	4.909	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041524\
 Data File : VN081737.D
 Acq On : 15 Apr 2024 13:47
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/15/2024
 Supervised By : Semsettin Yesilyurt 04/16/2024

Quant Time: Apr 15 15:14:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041524W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 15:10:03 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	8639	4.861	ug/l	97
42) 1,2-Dichloroethane	8.671	62	21551	4.981	ug/l	99
43) Isopropyl Acetate	8.694	43	30216	4.947	ug/l	98
44) Trichloroethene	9.359	130	15698	4.864	ug/l	96
45) 1,2-Dichloropropane	9.624	63	12891	4.505	ug/l	92
46) Dibromomethane	9.706	93	11569	4.844	ug/l	97
47) Bromodichloromethane	9.888	83	21985	4.819	ug/l	93
48) Methyl methacrylate	9.682	41	12421	4.990	ug/l	94
49) 1,4-Dioxane	9.688	88	5565	89.132	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	81766	24.069	ug/l	97
52) Toluene	10.629	92	38040	4.825	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	20462	4.503	ug/l	92
54) cis-1,3-Dichloropropene	10.312	75	22779	4.705	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	14827	5.007	ug/l	93
56) Ethyl methacrylate	10.877	69	18745	4.600	ug/l	94
57) 1,3-Dichloropropane	11.165	76	24152	4.872	ug/l	93
58) 2-Chloroethyl Vinyl ether	10.159	63	53024	24.594	ug/l	95
59) 2-Hexanone	11.200	43	57525	23.391	ug/l	96
60) Dibromochloromethane	11.359	129	17615	4.921	ug/l	100
61) 1,2-Dibromoethane	11.465	107	14780	4.785	ug/l	96
64) Tetrachloroethene	11.100	164	16901	5.158	ug/l	97
65) Chlorobenzene	11.894	112	44108	4.964	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	14823	4.890	ug/l	96
67) Ethyl Benzene	11.965	91	65807	4.705	ug/l	98
68) m/p-Xylenes	12.076	106	50249	9.239	ug/l	96
69) o-Xylene	12.400	106	25708	4.932	ug/l	89
70) Styrene	12.412	104	37928	4.442	ug/l	96
71) Bromoform	12.576	173	11790	5.041	ug/l #	99
73) Isopropylbenzene	12.694	105	60525	4.893	ug/l	97
74) N-amyl acetate	12.494	43	21699	4.820	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	19443	5.350	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	19300m	5.666	ug/l	
77) Bromobenzene	12.982	156	16127	5.114	ug/l	93
78) n-propylbenzene	13.035	91	69463	4.840	ug/l	99
79) 2-Chlorotoluene	13.129	91	43348	4.845	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	49203	4.870	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	6534	5.107	ug/l	89
82) 4-Chlorotoluene	13.223	91	44731	5.061	ug/l	97
83) tert-Butylbenzene	13.441	119	44412	5.018	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	48572	4.766	ug/l	100
85) sec-Butylbenzene	13.618	105	57950	4.693	ug/l	99
86) p-Isopropyltoluene	13.729	119	46390	4.583	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	28838	4.893	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	29766	5.058	ug/l	92
89) n-Butylbenzene	14.059	91	41533	4.693	ug/l	96
90) Hexachloroethane	14.335	117	10468	4.858	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	27751	4.865	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.723	75	3610	3.319	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	13190	4.389	ug/l	96
94) Hexachlorobutadiene	15.500	225	6442	4.973	ug/l	96
95) Naphthalene	15.647	128	40814	4.251	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	13989	4.553	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041524\
Data File : VN081737.D
Acq On : 15 Apr 2024 13:47
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/15/2024
Supervised By :Semsettin Yesilyurt 04/16/2024

Quant Time: Apr 15 15:14:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041524W.M
Quant Title : SW846 8260
QLast Update : Mon Apr 15 15:10:03 2024
Response via : Initial Calibration

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

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

