

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041524\
 Data File : VN081738.D
 Acq On : 15 Apr 2024 14:11
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/15/2024
 Supervised By : Semsettin Yesilyurt 04/20/2024

Quant Time: Apr 15 15:27:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041524W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 15:27:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	219469	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	389848	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	351146	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	135757	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	74 - 125	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	86 - 113	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	64 - 133	Recovery	=	0.000%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	3162	1.138	ug/l	90
3) Chloromethane	2.365	50	3709	1.312	ug/l #	85
4) Vinyl Chloride	2.518	62	4019	1.181	ug/l	96
6) Chloroethane	3.130	64	3652	1.469	ug/l	98
7) Trichlorofluoromethane	3.506	101	5064	1.153	ug/l	96
8) Diethyl Ether	3.948	74	1666m	1.080	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.371	101	3193	1.161	ug/l #	41
12) 1,1-Dichloroethene	4.353	96	2728	1.046	ug/l #	73
14) Allyl chloride	5.024	41	3796m	1.140	ug/l	
15) Acrylonitrile	5.724	53	6443m	5.542	ug/l	
16) Acetone	4.430	43	5111	5.946	ug/l #	73
17) Carbon Disulfide	4.712	76	9540	1.259	ug/l	97
18) Methyl Acetate	5.018	43	2809	1.168	ug/l #	56
19) Methyl tert-butyl Ether	5.800	73	7450	0.982	ug/l	98
20) Methylene Chloride	5.283	84	3831	1.290	ug/l #	56
21) trans-1,2-Dichloroethene	5.789	96	2676	1.022	ug/l #	58
22) Diisopropyl ether	6.683	45	6353	0.882	ug/l #	93
23) Vinyl Acetate	6.606	43	22543	4.010	ug/l #	93
24) 1,1-Dichloroethane	6.565	63	4934	1.041	ug/l #	86
25) 2-Butanone	7.494	43	7912	5.584	ug/l #	86
26) 2,2-Dichloropropane	7.483	77	4135	1.001	ug/l	93
27) cis-1,2-Dichloroethene	7.483	96	3498	1.092	ug/l	90
28) Bromochloromethane	7.830	49	2345	1.159	ug/l #	89
29) Tetrahydrofuran	7.853	42	4108	4.481	ug/l	96
30) Chloroform	7.971	83	6311	1.175	ug/l #	68
32) 1,1,1-Trichloroethane	8.171	97	4863	1.021	ug/l #	47
36) 1,1-Dichloropropene	8.377	75	3740	1.043	ug/l	92
37) Ethyl Acetate	7.559	43	2827	0.959	ug/l #	94
38) Carbon Tetrachloride	8.353	117	4046	0.970	ug/l #	76
39) Methylcyclohexane	9.600	83	4315	1.021	ug/l	92
40) Benzene	8.612	78	11558	1.034	ug/l	91
41) Methacrylonitrile	7.788	41	1479	0.924	ug/l	93
42) 1,2-Dichloroethane	8.671	62	4227	1.085	ug/l	78
43) Isopropyl Acetate	8.694	43	6357	1.156	ug/l #	89
44) Trichloroethene	9.359	130	3047	1.049	ug/l	80
45) 1,2-Dichloropropane	9.624	63	2574	0.999	ug/l #	65

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.718	93	2512	1.168	ug/l	91
47) Bromodichloromethane	9.888	83	4203	1.023	ug/l #	92
48) Methyl methacrylate	9.688	41	1823	0.813	ug/l #	69
49) 1,4-Dioxane	9.688	88	1441	25.637	ug/l #	67
51) 4-Methyl-2-Pentanone	10.447	43	13703	4.481	ug/l	99
52) Toluene	10.629	92	6653	0.937	ug/l	95
53) t-1,3-Dichloropropene	10.847	75	4170	1.019	ug/l #	88
54) cis-1,3-Dichloropropene	10.318	75	4290	0.984	ug/l #	81
55) 1,1,2-Trichloroethane	11.018	97	2686	1.008	ug/l #	84
56) Ethyl methacrylate	10.882	69	2990	0.815	ug/l #	90
57) 1,3-Dichloropropane	11.171	76	4358	0.977	ug/l #	71
58) 2-Chloroethyl Vinyl ether	10.171	63	8503	4.381	ug/l	96
59) 2-Hexanone	11.194	43	9615	4.343	ug/l	99
60) Dibromochloromethane	11.359	129	2895	0.898	ug/l	94
61) 1,2-Dibromoethane	11.471	107	2818	1.013	ug/l	93
64) Tetrachloroethene	11.106	164	3208	1.077	ug/l	90
65) Chlorobenzene	11.894	112	8688	1.075	ug/l #	74
66) 1,1,1,2-Tetrachloroethane	11.965	131	2745	0.996	ug/l #	64
67) Ethyl Benzene	11.965	91	11563	0.909	ug/l #	84
68) m/p-Xylenes	12.071	106	8396	1.698	ug/l	98
69) o-Xylene	12.394	106	3696	0.780	ug/l	80
70) Styrene	12.418	104	6034	0.777	ug/l	91
71) Bromoform	12.576	173	2141	1.007	ug/l #	88
73) Isopropylbenzene	12.694	105	9388	0.922	ug/l	96
74) N-amyl acetate	12.500	43	4088	1.103	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	3504	1.172	ug/l #	92
76) 1,2,3-Trichloropropane	12.988	75	3191m	1.138	ug/l	
77) Bromobenzene	12.982	156	2842	1.095	ug/l	96
78) n-propylbenzene	13.041	91	11144	0.943	ug/l	95
79) 2-Chlorotoluene	13.129	91	7706	1.047	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	7005	0.842	ug/l	95
82) 4-Chlorotoluene	13.223	91	7237	0.995	ug/l	99
83) tert-Butylbenzene	13.441	119	6195	0.851	ug/l	89
84) 1,2,4-Trimethylbenzene	13.482	105	6834	0.815	ug/l	97
85) sec-Butylbenzene	13.618	105	8652	0.851	ug/l	92
86) p-Isopropyltoluene	13.729	119	6260	0.751	ug/l	91
87) 1,3-Dichlorobenzene	13.729	146	5125	1.056	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	5741m	1.185	ug/l	
89) n-Butylbenzene	14.059	91	6935	0.952	ug/l	89
90) Hexachloroethane	14.329	117	1977	1.115	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	5231	1.114	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.729	75	933	1.422	ug/l	59
93) 1,2,4-Trichlorobenzene	15.400	180	2686	1.086	ug/l	96
94) Hexachlorobutadiene	15.506	225	1284	1.204	ug/l	92
95) Naphthalene	15.653	128	7489	0.948	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.853	180	2664	1.053	ug/l	91

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

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