

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021624\
 Data File : VN081053.D
 Acq On : 16 Feb 2024 14:06
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/17/2024
 Supervised By : Semsettin Yesilyurt 02/20/2024

Quant Time: Feb 16 23:28:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:28:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	359134	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	667935	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	575124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	222922	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	83 - 123	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	3943	0.849	ug/l #	69
3) Chloromethane	2.365	50	9007m	0.615	ug/l	
4) Vinyl Chloride	2.512	62	5208	1.010	ug/l #	53
6) Chloroethane	3.112	64	5707	1.231	ug/l #	57
7) Trichlorofluoromethane	3.495	101	7355	0.976	ug/l	93
8) Diethyl Ether	3.965	74	2855	1.036	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.389	101	4175m	0.994	ug/l	
12) 1,1-Dichloroethene	4.336	96	4113	1.013	ug/l #	55
14) Allyl chloride	5.012	41	6357m	1.055	ug/l	
15) Acrylonitrile	5.724	53	11267	5.329	ug/l	94
16) Acetone	4.430	43	9691	5.595	ug/l	97
17) Carbon Disulfide	4.718	76	12335	1.089	ug/l #	89
18) Methyl Acetate	5.018	43	3337	0.790	ug/l #	90
19) Methyl tert-butyl Ether	5.795	73	13654	0.982	ug/l	95
20) Methylene Chloride	5.283	84	6448	0.519	ug/l #	71
21) trans-1,2-Dichloroethene	5.783	96	4607	1.017	ug/l #	80
22) Diisopropyl ether	6.671	45	12644	0.925	ug/l #	91
23) Vinyl Acetate	6.600	43	51631	4.655	ug/l #	94
24) 1,1-Dichloroethane	6.553	63	7701	0.974	ug/l #	93
25) 2-Butanone	7.489	43	14105	5.041	ug/l #	89
26) 2,2-Dichloropropane	7.500	77	7452	1.006	ug/l #	68
27) cis-1,2-Dichloroethene	7.483	96	5819	1.105	ug/l	87
28) Bromochloromethane	7.806	49	3299m	1.007	ug/l	
29) Tetrahydrofuran	7.847	42	10195	5.458	ug/l #	87
30) Chloroform	7.959	83	8604	1.024	ug/l	100
32) 1,1,1-Trichloroethane	8.171	97	7711	1.008	ug/l #	43
36) 1,1-Dichloropropene	8.371	75	6526	1.009	ug/l	89
37) Ethyl Acetate	7.559	43	5949	1.019	ug/l #	75
38) Carbon Tetrachloride	8.353	117	5930	0.906	ug/l #	85
39) Methylcyclohexane	9.600	83	7128	0.945	ug/l	88
40) Benzene	8.606	78	18726	1.000	ug/l #	85
41) Methacrylonitrile	7.783	41	3393m	1.021	ug/l	
42) 1,2-Dichloroethane	8.677	62	6742	1.032	ug/l	80
43) Isopropyl Acetate	8.683	43	10317	1.010	ug/l #	88
44) Trichloroethene	9.359	130	5036	1.010	ug/l	93
45) 1,2-Dichloropropane	9.624	63	4536	0.968	ug/l #	85

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.712	93	3614	1.059	ug/l	99
47) Bromodichloromethane	9.882	83	5952	0.921	ug/l #	77
48) Methyl methacrylate	9.688	41	5067	1.066	ug/l	98
49) 1,4-Dioxane	9.694	88	2567	25.337	ug/l	90
51) 4-Methyl-2-Pentanone	10.447	43	27652	4.706	ug/l	92
52) Toluene	10.635	92	10778	0.909	ug/l	89
53) t-1,3-Dichloropropene	10.835	75	6014	0.837	ug/l #	84
54) cis-1,3-Dichloropropene	10.318	75	6961	0.897	ug/l #	85
55) 1,1,2-Trichloroethane	11.018	97	4100	0.899	ug/l #	87
56) Ethyl methacrylate	10.871	69	6359	0.912	ug/l	89
57) 1,3-Dichloropropane	11.171	76	7761	0.984	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	18489	5.287	ug/l #	89
59) 2-Hexanone	11.200	43	23250	4.991	ug/l	95
60) Dibromochloromethane	11.359	129	4461	0.921	ug/l	91
61) 1,2-Dibromoethane	11.471	107	4808	1.003	ug/l	95
64) Tetrachloroethene	11.100	164	4272	1.088	ug/l #	78
65) Chlorobenzene	11.894	112	12771	1.026	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.959	131	4408	0.986	ug/l #	61
67) Ethyl Benzene	11.965	91	20482	0.920	ug/l	94
68) m/p-Xylenes	12.071	106	16173	1.894	ug/l	86
69) o-Xylene	12.400	106	8214	0.971	ug/l	81
70) Styrene	12.412	104	11587	0.864	ug/l	97
71) Bromoform	12.582	173	2234	0.788	ug/l #	94
73) Isopropylbenzene	12.694	105	19304	0.990	ug/l	96
74) N-amyl acetate	12.494	43	8112	0.984	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.935	83	5798	1.057	ug/l	96
76) 1,2,3-Trichloropropane	13.000	75	5932m	1.166	ug/l	
77) Bromobenzene	12.982	156	4567	1.050	ug/l	73
78) n-propylbenzene	13.035	91	21132	0.941	ug/l	95
79) 2-Chlorotoluene	13.123	91	14859	1.079	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	14474	0.915	ug/l	94
82) 4-Chlorotoluene	13.223	91	13120	0.974	ug/l	95
83) tert-Butylbenzene	13.435	119	12430	0.909	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	14481	0.919	ug/l	96
85) sec-Butylbenzene	13.618	105	17545	0.923	ug/l	93
86) p-Isopropyltoluene	13.735	119	14438	0.914	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	8948	1.089	ug/l	92
88) 1,4-Dichlorobenzene	13.818	146	8514m	1.054	ug/l	
89) n-Butylbenzene	14.059	91	12543	0.912	ug/l	95
90) Hexachloroethane	14.335	117	2306	0.884	ug/l	74
91) 1,2-Dichlorobenzene	14.112	146	8599	1.085	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.717	75	1166	1.023	ug/l #	35
93) 1,2,4-Trichlorobenzene	15.400	180	4339	0.981	ug/l	84
94) Hexachlorobutadiene	15.512	225	1582	0.959	ug/l	86
95) Naphthalene	15.647	128	16946	1.046	ug/l	98
96) 1,2,3-Trichlorobenzene	15.835	180	4594	1.047	ug/l	91

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

