

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032224\
 Data File : VN081538.D
 Acq On : 22 Mar 2024 11:05
 Operator : JC\MD
 Sample : VN0322WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0322WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/25/2024
 Supervised By : Semsettin Yesilyurt 03/25/2024

Quant Time: Mar 23 00:10:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	431200	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	743084	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	667001	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	314826	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	271731	49.415	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.840%		
35) Dibromofluoromethane	8.165	113	245018	52.247	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.500%		
50) Toluene-d8	10.565	98	878971	51.849	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.700%		
62) 4-Bromofluorobenzene	12.847	95	305671	51.172	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	102.340%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	102744	17.696	ug/l	98
3) Chloromethane	2.359	50	104383	18.057	ug/l	93
4) Vinyl Chloride	2.518	62	116368	17.937	ug/l	93
5) Bromomethane	2.965	94	78477	17.104	ug/l	99
6) Chloroethane	3.130	64	75176	16.877	ug/l	95
7) Trichlorofluoromethane	3.506	101	185443	19.179	ug/l	90
8) Diethyl Ether	3.959	74	61018	19.069	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.371	101	106457	19.377	ug/l #	88
10) Methyl Iodide	4.589	142	104954	19.184	ug/l	94
11) Tert butyl alcohol	5.506	59	69205	72.217	ug/l	98
12) 1,1-Dichloroethene	4.342	96	99365	19.526	ug/l	86
13) Acrolein	4.183	56	68283	79.408	ug/l	97
14) Allyl chloride	5.024	41	117520	18.430	ug/l #	81
15) Acrylonitrile	5.712	53	213456	83.262	ug/l	97
16) Acetone	4.424	43	138795	78.101	ug/l	96
17) Carbon Disulfide	4.718	76	254457	17.425	ug/l #	94
18) Methyl Acetate	5.018	43	97057	17.715	ug/l #	84
19) Methyl tert-butyl Ether	5.789	73	309469	19.432	ug/l #	90
20) Methylene Chloride	5.277	84	110363	18.958	ug/l	85
21) trans-1,2-Dichloroethene	5.783	96	105848	18.655	ug/l	85
22) Diisopropyl ether	6.671	45	304563	20.556	ug/l #	93
23) Vinyl Acetate	6.600	43	1076467	91.277	ug/l #	88
24) 1,1-Dichloroethane	6.565	63	191557	19.303	ug/l	96
25) 2-Butanone	7.477	43	241072	79.088	ug/l #	83
26) 2,2-Dichloropropane	7.488	77	172696	20.064	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	123688	19.267	ug/l	85
28) Bromochloromethane	7.812	49	76382	18.897	ug/l #	52
29) Tetrahydrofuran	7.835	42	168420	82.019	ug/l #	79
30) Chloroform	7.965	83	209921	19.760	ug/l	98
31) Cyclohexane	8.253	56	163484	18.270	ug/l #	70
32) 1,1,1-Trichloroethane	8.165	97	186121	19.310	ug/l	91
36) 1,1-Dichloropropene	8.371	75	151774	19.231	ug/l	95
37) Ethyl Acetate	7.559	43	105873	15.666	ug/l #	95
38) Carbon Tetrachloride	8.365	117	167777	19.406	ug/l	99
39) Methylcyclohexane	9.600	83	173335	19.667	ug/l #	82
40) Benzene	8.606	78	455693	19.750	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	60631	16.965	ug/l #	88
42) 1,2-Dichloroethane	8.671	62	156036	19.216	ug/l	100
43) Isopropyl Acetate	8.688	43	189003	16.872	ug/l #	90
44) Trichloroethene	9.353	130	123309	19.002	ug/l	93
45) 1,2-Dichloropropane	9.618	63	114977	20.562	ug/l	94
46) Dibromomethane	9.712	93	81480	19.187	ug/l #	87
47) Bromodichloromethane	9.888	83	162682	19.594	ug/l #	98
48) Methyl methacrylate	9.682	41	88528	17.134	ug/l #	83
49) 1,4-Dioxane	9.700	88	40421	325.537	ug/l #	64
51) 4-Methyl-2-Pentanone	10.441	43	565556	82.739	ug/l	90
52) Toluene	10.629	92	293296	20.000	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	167759	18.712	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	192618	20.039	ug/l #	86
55) 1,1,2-Trichloroethane	11.018	97	110669	18.752	ug/l	90
56) Ethyl methacrylate	10.871	69	146663	18.215	ug/l #	85
57) 1,3-Dichloropropane	11.165	76	187938	19.425	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	367063	98.843	ug/l #	84
59) 2-Hexanone	11.194	43	404787	80.097	ug/l	90
60) Dibromochloromethane	11.359	129	123822	19.077	ug/l	100
61) 1,2-Dibromoethane	11.465	107	115306	19.163	ug/l	97
64) Tetrachloroethene	11.106	164	128750	20.194	ug/l	88
65) Chlorobenzene	11.888	112	314646	19.955	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	114582	19.607	ug/l	96
67) Ethyl Benzene	11.965	91	551138	20.122	ug/l	100
68) m/p-Xylenes	12.071	106	422554	41.152	ug/l	94
69) o-Xylene	12.400	106	203649	20.202	ug/l	95
70) Styrene	12.412	104	331437	20.386	ug/l	95
71) Bromoform	12.576	173	77738	17.702	ug/l #	92
73) Isopropylbenzene	12.694	105	534336	19.911	ug/l	97
74) N-amyl acetate	12.494	43	164264	16.914	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.935	83	135004	17.110	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	138944m	18.450	ug/l	
77) Bromobenzene	12.976	156	128642	19.405	ug/l	69
78) n-propylbenzene	13.035	91	633934	20.003	ug/l	95
79) 2-Chlorotoluene	13.123	91	370643	19.540	ug/l	90
80) 1,3,5-Trimethylbenzene	13.170	105	456643	20.602	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.735	75	53464	19.185	ug/l	95
82) 4-Chlorotoluene	13.223	91	375180	20.062	ug/l	94
83) tert-Butylbenzene	13.435	119	382865	20.031	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	451337	20.260	ug/l	93
85) sec-Butylbenzene	13.617	105	541243	19.808	ug/l	92
86) p-Isopropyltoluene	13.729	119	456361	20.432	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	243503	19.992	ug/l	94
88) 1,4-Dichlorobenzene	13.812	146	235304	18.658	ug/l	97
89) n-Butylbenzene	14.059	91	388387	19.610	ug/l	97
90) Hexachloroethane	14.335	117	78964	18.667	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	224734	19.170	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.717	75	25728	15.322	ug/l	70
93) 1,2,4-Trichlorobenzene	15.394	180	124865	18.421	ug/l	98
94) Hexachlorobutadiene	15.500	225	53305	17.923	ug/l	98
95) Naphthalene	15.641	128	371837	16.929	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	121265	17.786	ug/l	99

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

