

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032024\
 Data File : VN081492.D
 Acq On : 20 Mar 2024 14:35
 Operator : JC\MD
 Sample : VN0320WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0320WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/21/2024
 Supervised By : Mahesh Dadoda 03/21/2024

Quant Time: Mar 21 01:19:03 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	429414	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	730721	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	640687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	303057	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	266116	48.595	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.200%		
35) Dibromofluoromethane	8.165	113	223082	48.374	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.740%		
50) Toluene-d8	10.565	98	816201	48.961	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.920%		
62) 4-Bromofluorobenzene	12.847	95	280914	47.823	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	95.640%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	106793	18.470	ug/l	99
3) Chloromethane	2.359	50	101972	17.713	ug/l	97
4) Vinyl Chloride	2.518	62	114995	17.799	ug/l	92
5) Bromomethane	2.965	94	79500	17.399	ug/l	92
6) Chloroethane	3.124	64	74727	16.846	ug/l	95
7) Trichlorofluoromethane	3.500	101	184724	19.184	ug/l	87
8) Diethyl Ether	3.965	74	65826	20.657	ug/l	74
9) 1,1,2-Trichlorotrifluo...	4.377	101	107304	19.613	ug/l #	87
10) Methyl Iodide	4.595	142	102882	18.883	ug/l	97
11) Tert butyl alcohol	5.518	59	81803	85.719	ug/l #	90
12) 1,1-Dichloroethene	4.347	96	95749	18.894	ug/l	88
13) Acrolein	4.177	56	102144	119.280	ug/l	97
14) Allyl chloride	5.030	41	124575	19.617	ug/l #	86
15) Acrylonitrile	5.718	53	227163	88.977	ug/l	98
16) Acetone	4.424	43	153598	86.790	ug/l	94
17) Carbon Disulfide	4.712	76	260866	17.938	ug/l #	95
18) Methyl Acetate	5.018	43	107366	19.678	ug/l #	86
19) Methyl tert-butyl Ether	5.794	73	314213	19.811	ug/l	99
20) Methylene Chloride	5.277	84	107999	18.630	ug/l	89
21) trans-1,2-Dichloroethene	5.789	96	106622	18.869	ug/l	90
22) Diisopropyl ether	6.671	45	302402	20.495	ug/l #	91
23) Vinyl Acetate	6.606	43	1129982	96.213	ug/l #	88
24) 1,1-Dichloroethane	6.565	63	187119	18.934	ug/l	96
25) 2-Butanone	7.483	43	269495	88.781	ug/l	92
26) 2,2-Dichloropropane	7.488	77	173828	20.280	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	122574	19.172	ug/l	86
28) Bromochloromethane	7.812	49	70815	17.593	ug/l #	52
29) Tetrahydrofuran	7.835	42	186506	91.204	ug/l #	80
30) Chloroform	7.965	83	203487	19.234	ug/l	100
31) Cyclohexane	8.253	56	163936	18.397	ug/l #	76
32) 1,1,1-Trichloroethane	8.171	97	185761	19.353	ug/l #	88
36) 1,1-Dichloropropene	8.371	75	149402	19.251	ug/l	94
37) Ethyl Acetate	7.565	43	121531	18.288	ug/l	99
38) Carbon Tetrachloride	8.365	117	162775	19.146	ug/l	95
39) Methylcyclohexane	9.606	83	174705	20.158	ug/l	87
40) Benzene	8.606	78	448482	19.766	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	64832	18.447	ug/l	91
42) 1,2-Dichloroethane	8.671	62	151463	18.969	ug/l	100
43) Isopropyl Acetate	8.688	43	209006	18.974	ug/l #	94
44) Trichloroethene	9.353	130	121919	19.105	ug/l	85
45) 1,2-Dichloropropane	9.624	63	107305	19.514	ug/l	96
46) Dibromomethane	9.712	93	78472	18.792	ug/l #	87
47) Bromodichloromethane	9.888	83	155188	19.008	ug/l #	99
48) Methyl methacrylate	9.682	41	94863	18.671	ug/l #	85
49) 1,4-Dioxane	9.694	88	38846	318.145	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	606929	90.294	ug/l	92
52) Toluene	10.629	92	271739	18.843	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	166375	18.871	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	182918	19.351	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	107770	18.569	ug/l	96
56) Ethyl methacrylate	10.876	69	148355	18.701	ug/l #	86
57) 1,3-Dichloropropane	11.165	76	182298	19.161	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	351016	96.121	ug/l #	86
59) 2-Hexanone	11.194	43	441263	88.792	ug/l	92
60) Dibromochloromethane	11.359	129	116007	18.175	ug/l	97
61) 1,2-Dibromoethane	11.471	107	108776	18.384	ug/l	94
64) Tetrachloroethene	11.100	164	118412	19.335	ug/l	89
65) Chlorobenzene	11.894	112	288859	19.072	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	112199	19.987	ug/l	97
67) Ethyl Benzene	11.965	91	520659	19.790	ug/l	99
68) m/p-Xylenes	12.071	106	397028	40.254	ug/l	96
69) o-Xylene	12.400	106	191250	19.752	ug/l	96
70) Styrene	12.412	104	313063	20.047	ug/l	95
71) Bromoform	12.576	173	76732	18.190	ug/l #	96
73) Isopropylbenzene	12.694	105	509966	19.741	ug/l	97
74) N-amyl acetate	12.494	43	169983	18.183	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	138214	18.197	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	129209m	17.824	ug/l	
77) Bromobenzene	12.982	156	117563	18.423	ug/l	71
78) n-propylbenzene	13.035	91	593219	19.445	ug/l	96
79) 2-Chlorotoluene	13.123	91	348626	19.093	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	423799	19.862	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	48075	17.921	ug/l	92
82) 4-Chlorotoluene	13.223	91	346036	19.222	ug/l	94
83) tert-Butylbenzene	13.441	119	360526	19.595	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	432287	20.158	ug/l	97
85) sec-Butylbenzene	13.617	105	517902	19.690	ug/l	93
86) p-Isopropyltoluene	13.729	119	430977	20.045	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	222603	18.986	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	223187	18.384	ug/l	97
89) n-Butylbenzene	14.059	91	363010	19.040	ug/l	97
90) Hexachloroethane	14.335	117	78171	19.197	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	216732	19.206	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.723	75	29131	18.022	ug/l	65
93) 1,2,4-Trichlorobenzene	15.394	180	126309	19.358	ug/l	99
94) Hexachlorobutadiene	15.506	225	51144	17.864	ug/l	99
95) Naphthalene	15.641	128	417154	19.730	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	125188	19.074	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

