

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032224\
 Data File : VN081539.D
 Acq On : 22 Mar 2024 11:29
 Operator : JC\MD
 Sample : VN0322WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0322WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Mar 23 00:11:11 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	426507	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	733540	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	657433	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	300437	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	277945	51.101	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.200%			
35) Dibromofluoromethane	8.165	113	238837	51.592	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.180%			
50) Toluene-d8	10.565	98	866012	51.750	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.500%			
62) 4-Bromofluorobenzene	12.847	95	303654	51.496	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 103.000%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	104202	18.144	ug/l	99
3) Chloromethane	2.365	50	97313	17.019	ug/l	94
4) Vinyl Chloride	2.518	62	110347	17.196	ug/l	89
5) Bromomethane	2.971	94	73893	16.282	ug/l	90
6) Chloroethane	3.130	64	73419	16.664	ug/l	97
7) Trichlorofluoromethane	3.506	101	183729	19.211	ug/l	96
8) Diethyl Ether	3.953	74	64545	20.393	ug/l	74
9) 1,1,2-Trichlorotrifluo...	4.371	101	102587	18.878	ug/l #	89
10) Methyl Iodide	4.594	142	107864	19.932	ug/l	95
11) Tert butyl alcohol	5.506	59	71851	75.803	ug/l	96
12) 1,1-Dichloroethene	4.341	96	95464	18.966	ug/l	82
13) Acrolein	4.177	56	76054	89.419	ug/l	99
14) Allyl chloride	5.024	41	123814	19.630	ug/l #	86
15) Acrylonitrile	5.712	53	226364	89.268	ug/l	97
16) Acetone	4.424	43	148495	84.478	ug/l	95
17) Carbon Disulfide	4.712	76	250744	17.359	ug/l	99
18) Methyl Acetate	5.018	43	102599	18.932	ug/l #	86
19) Methyl tert-butyl Ether	5.788	73	315214	20.010	ug/l	96
20) Methylene Chloride	5.283	84	114713	19.923	ug/l #	75
21) trans-1,2-Dichloroethene	5.788	96	104834	18.680	ug/l	86
22) Diisopropyl ether	6.671	45	303518	20.711	ug/l #	94
23) Vinyl Acetate	6.600	43	1110815m	95.225	ug/l	
24) 1,1-Dichloroethane	6.565	63	193155	19.678	ug/l	96
25) 2-Butanone	7.477	43	261464	86.722	ug/l #	90
26) 2,2-Dichloropropane	7.488	77	172244	20.232	ug/l	100
27) cis-1,2-Dichloroethene	7.482	96	127396	20.062	ug/l	83
28) Bromochloromethane	7.812	49	77758	19.449	ug/l #	55
29) Tetrahydrofuran	7.841	42	176186	86.745	ug/l #	78
30) Chloroform	7.965	83	210049	19.989	ug/l	96
31) Cyclohexane	8.259	56	163275	18.447	ug/l #	81
32) 1,1,1-Trichloroethane	8.165	97	188329	19.755	ug/l	93
36) 1,1-Dichloropropene	8.371	75	149641	19.208	ug/l	94
37) Ethyl Acetate	7.553	43	113500	17.013	ug/l	95
38) Carbon Tetrachloride	8.359	117	161305	18.901	ug/l	95
39) Methylcyclohexane	9.600	83	170904	19.644	ug/l	85
40) Benzene	8.606	78	454453	19.953	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	59494	16.863	ug/l #	85
42) 1,2-Dichloroethane	8.671	62	154996	19.337	ug/l	98
43) Isopropyl Acetate	8.688	43	195087	17.642	ug/l #	89
44) Trichloroethene	9.353	130	123404	19.264	ug/l	94
45) 1,2-Dichloropropane	9.618	63	111129	20.132	ug/l	96
46) Dibromomethane	9.712	93	80407	19.181	ug/l #	89
47) Bromodichloromethane	9.888	83	161408	19.693	ug/l #	97
48) Methyl methacrylate	9.682	41	92520	18.139	ug/l #	82
49) 1,4-Dioxane	9.694	88	37862	308.895	ug/l #	64
51) 4-Methyl-2-Pentanone	10.441	43	583051	86.408	ug/l	91
52) Toluene	10.629	92	289901	20.025	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	170547	19.270	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	186261	19.629	ug/l	88
55) 1,1,2-Trichloroethane	11.018	97	115170	19.768	ug/l	96
56) Ethyl methacrylate	10.870	69	150111	18.840	ug/l #	85
57) 1,3-Dichloropropane	11.159	76	191910	20.094	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	384193	104.802	ug/l #	85
59) 2-Hexanone	11.194	43	432376	86.669	ug/l	91
60) Dibromochloromethane	11.359	129	123256	19.237	ug/l	98
61) 1,2-Dibromoethane	11.470	107	116674	19.643	ug/l	99
64) Tetrachloroethene	11.100	164	125199	19.923	ug/l	89
65) Chlorobenzene	11.888	112	310807	19.998	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	118835	20.630	ug/l	97
67) Ethyl Benzene	11.965	91	542585	20.098	ug/l	97
68) m/p-Xylenes	12.070	106	419727	41.472	ug/l	93
69) o-Xylene	12.400	106	201663	20.297	ug/l	94
70) Styrene	12.412	104	326401	20.369	ug/l	94
71) Bromoform	12.576	173	78492	18.134	ug/l #	95
73) Isopropylbenzene	12.694	105	523444	20.439	ug/l	97
74) N-amyl acetate	12.494	43	165147	17.819	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.935	83	140021	18.596	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	141102m	19.634	ug/l	
77) Bromobenzene	12.976	156	121186	19.156	ug/l	72
78) n-propylbenzene	13.035	91	614212	20.309	ug/l	95
79) 2-Chlorotoluene	13.123	91	355971	19.666	ug/l	90
80) 1,3,5-Trimethylbenzene	13.170	105	441516	20.873	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.735	75	48300	18.162	ug/l	92
82) 4-Chlorotoluene	13.223	91	352138	19.732	ug/l	91
83) tert-Butylbenzene	13.435	119	375254	20.573	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	443572	20.865	ug/l	95
85) sec-Butylbenzene	13.617	105	531621	20.388	ug/l	94
86) p-Isopropyltoluene	13.729	119	442692	20.769	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	230010	19.789	ug/l	95
88) 1,4-Dichlorobenzene	13.811	146	234474	19.482	ug/l	96
89) n-Butylbenzene	14.059	91	364407	19.280	ug/l	96
90) Hexachloroethane	14.335	117	77004	19.076	ug/l	90
91) 1,2-Dichlorobenzene	14.106	146	225586	20.164	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.717	75	28023	17.488	ug/l	70
93) 1,2,4-Trichlorobenzene	15.394	180	119441	18.465	ug/l	96
94) Hexachlorobutadiene	15.500	225	50488	17.789	ug/l	98
95) Naphthalene	15.641	128	377899	18.029	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	117925	18.124	ug/l	96

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

