

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020124\
 Data File : VN080860.D
 Acq On : 01 Feb 2024 11:01
 Operator : JC\MD
 Sample : VN0201WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0201WBS01

Manual Integrations
 APPROVED

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

Quant Time: Feb 02 03:32:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	118059	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	237746	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	211526	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	81079	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	104480	51.156	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.320%			
35) Dibromofluoromethane	8.165	113	71986	49.491	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.980%			
50) Toluene-d8	10.565	98	296450	52.073	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.140%			
62) 4-Bromofluorobenzene	12.847	95	100115	50.465	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.940%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	34529	19.691	ug/l	95
3) Chloromethane	2.359	50	51077	19.378	ug/l	98
4) Vinyl Chloride	2.512	62	40049	19.985	ug/l	97
5) Bromomethane	2.954	94	17695	22.076	ug/l	84
6) Chloroethane	3.124	64	22022	20.612	ug/l	94
7) Trichlorofluoromethane	3.501	101	50093	19.314	ug/l	100
8) Diethyl Ether	3.959	74	23133	19.335	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.371	101	29747	19.669	ug/l	93
10) Methyl Iodide	4.583	142	24154	18.919	ug/l	95
11) Tert butyl alcohol	5.512	59	33019	99.176	ug/l #	90
12) 1,1-Dichloroethene	4.342	96	31505	19.012	ug/l	89
13) Acrolein	4.171	56	44234	105.358	ug/l	99
14) Allyl chloride	5.024	41	69403	21.188	ug/l	97
15) Acrylonitrile	5.718	53	101565	101.434	ug/l	98
16) Acetone	4.418	43	79970	107.963	ug/l	93
17) Carbon Disulfide	4.706	76	93107	18.047	ug/l	100
18) Methyl Acetate	5.018	43	55376	21.451	ug/l	97
19) Methyl tert-butyl Ether	5.795	73	115862	19.842	ug/l	97
20) Methylene Chloride	5.271	84	38004	19.545	ug/l	95
21) trans-1,2-Dichloroethene	5.789	96	34750	19.302	ug/l	93
22) Diisopropyl ether	6.665	45	152243	21.065	ug/l	97
23) Vinyl Acetate	6.600	43	575587	110.070	ug/l	99
24) 1,1-Dichloroethane	6.571	63	75464	20.589	ug/l	98
25) 2-Butanone	7.483	43	139232	98.961	ug/l	98
26) 2,2-Dichloropropane	7.494	77	59009	19.919	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	41503	19.915	ug/l	96
28) Bromochloromethane	7.806	49	40069	20.648	ug/l	97
29) Tetrahydrofuran	7.836	42	91834	96.463	ug/l	98
30) Chloroform	7.971	83	68283	20.053	ug/l	100
31) Cyclohexane	8.259	56	67318	19.221	ug/l #	82
32) 1,1,1-Trichloroethane	8.171	97	54703	19.810	ug/l	94
36) 1,1-Dichloropropene	8.377	75	54065	19.998	ug/l	96
37) Ethyl Acetate	7.559	43	56163	20.180	ug/l	98
38) Carbon Tetrachloride	8.365	117	42232	19.388	ug/l	94
39) Methylcyclohexane	9.594	83	56773	21.127	ug/l	93
40) Benzene	8.606	78	164823	20.743	ug/l	97

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41) Methacrylonitrile	7.777	41	33021	20.131	ug/l	93
42) 1,2-Dichloroethane	8.671	62	58630	22.649	ug/l	99
43) Isopropyl Acetate	8.688	43	102813	20.291	ug/l	98
44) Trichloroethene	9.353	130	31501	17.999	ug/l	84
45) 1,2-Dichloropropane	9.624	63	48948	22.763	ug/l	95
46) Dibromomethane	9.706	93	27989	21.957	ug/l	99
47) Bromodichloromethane	9.888	83	52770	20.390	ug/l #	98
48) Methyl methacrylate	9.683	41	50500	20.558	ug/l	91
49) 1,4-Dioxane	9.700	88	12161	410.996	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	294073	103.819	ug/l	98
52) Toluene	10.630	92	94854	20.820	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	59158	19.622	ug/l #	88
54) cis-1,3-Dichloropropene	10.318	75	67732	20.659	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	36900	21.075	ug/l	95
56) Ethyl methacrylate	10.877	69	60663	22.538	ug/l	99
57) 1,3-Dichloropropane	11.165	76	69898	21.212	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	178746	113.918	ug/l	99
59) 2-Hexanone	11.194	43	220662	100.290	ug/l	99
60) Dibromochloromethane	11.359	129	32521	19.969	ug/l	97
61) 1,2-Dibromoethane	11.471	107	34912	21.276	ug/l	99
64) Tetrachloroethene	11.106	164	26515	19.071	ug/l	97
65) Chlorobenzene	11.894	112	90726	19.652	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.959	131	31510	20.989	ug/l	94
67) Ethyl Benzene	11.965	91	170483	19.869	ug/l	96
68) m/p-Xylenes	12.071	106	123659	40.581	ug/l	99
69) o-Xylene	12.400	106	61593	20.342	ug/l	98
70) Styrene	12.412	104	99145	20.389	ug/l	98
71) Bromoform	12.576	173	18122	17.853	ug/l #	91
73) Isopropylbenzene	12.694	105	150955	20.331	ug/l	99
74) N-amyl acetate	12.494	43	87845	19.056	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	50908	19.492	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	43826m	17.922	ug/l	
77) Bromobenzene	12.982	156	29702	18.714	ug/l	91
78) n-propylbenzene	13.035	91	183955	20.739	ug/l	99
79) 2-Chlorotoluene	13.123	91	112011	19.868	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	121813	20.600	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	19245	20.275	ug/l	87
82) 4-Chlorotoluene	13.223	91	110195	19.740	ug/l	99
83) tert-Butylbenzene	13.441	119	97339	20.613	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	122219	20.400	ug/l	98
85) sec-Butylbenzene	13.618	105	141286	20.295	ug/l	100
86) p-Isopropyltoluene	13.729	119	110194	20.368	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	56771	19.997	ug/l	96
88) 1,4-Dichlorobenzene	13.818	146	56536	19.864	ug/l	95
89) n-Butylbenzene	14.059	91	107158	20.241	ug/l	97
90) Hexachloroethane	14.335	117	17466	18.450	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	54414	20.942	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8435	17.278	ug/l	88
93) 1,2,4-Trichlorobenzene	15.400	180	26303	19.668	ug/l	98
94) Hexachlorobutadiene	15.500	225	11293	19.329	ug/l	94
95) Naphthalene	15.641	128	95549	18.671	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	24169	18.386	ug/l	99

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

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