

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112123\
 Data File : VN080228.D
 Acq On : 21 Nov 2023 13:31
 Operator : JC\MD
 Sample : VN1121WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1121WBS01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Nov 22 00:05:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

11/22/2023
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	220814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	334120	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	299649	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	146031	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	177592	48.709	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.420%
35) Dibromofluoromethane	8.165	113	125664	50.972	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.940%
50) Toluene-d8	10.570	98	448259	50.439	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.880%
62) 4-Bromofluorobenzene	12.847	95	165224	49.220	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.440%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	61692	18.756	ug/l	96
3) Chloromethane	2.359	50	37089	14.998	ug/l	94
4) Vinyl Chloride	2.518	62	41137	15.719	ug/l	98
5) Bromomethane	2.959	94	30966	17.430	ug/l	98
6) Chloroethane	3.124	64	29514	17.119	ug/l	94
7) Trichlorofluoromethane	3.500	101	101456	18.584	ug/l	97
8) Diethyl Ether	3.959	74	26254	16.536	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	44438	17.809	ug/l	94
10) Methyl Iodide	4.594	142	44375	16.456	ug/l #	86
11) Tert butyl alcohol	5.512	59	31758	79.208	ug/l #	85
12) 1,1-Dichloroethene	4.341	96	40001	17.139	ug/l	83
13) Acrolein	4.177	56	27734	78.161	ug/l	98
14) Allyl chloride	5.024	41	45419	15.468	ug/l #	84
15) Acrylonitrile	5.718	53	83847	77.899	ug/l	96
16) Acetone	4.430	43	82587	67.440	ug/l	92
17) Carbon Disulfide	4.718	76	103395	14.837	ug/l	99
18) Methyl Acetate	5.024	43	61924	15.738	ug/l	97
19) Methyl tert-butyl Ether	5.794	73	148099	17.969	ug/l	96
20) Methylene Chloride	5.277	84	45897	17.897	ug/l	94
21) trans-1,2-Dichloroethene	5.788	96	43484	16.960	ug/l	84
22) Diisopropyl ether	6.665	45	110378	16.990	ug/l	98
23) Vinyl Acetate	6.606	43	322242	82.508	ug/l	93
24) 1,1-Dichloroethane	6.571	63	79408	16.782	ug/l	98
25) 2-Butanone	7.482	43	101544	69.791	ug/l	89
26) 2,2-Dichloropropane	7.488	77	87577	18.656	ug/l	94
27) cis-1,2-Dichloroethene	7.488	96	48891	16.819	ug/l	84
28) Bromochloromethane	7.812	49	31519	16.944	ug/l	98
29) Tetrahydrofuran	7.835	42	61560	78.808	ug/l	96
30) Chloroform	7.965	83	96378	18.224	ug/l	98
31) Cyclohexane	8.253	56	65503	16.520	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	98141	19.029	ug/l	96
36) 1,1-Dichloropropene	8.371	75	66555	18.646	ug/l	96
37) Ethyl Acetate	7.559	43	40462	16.343	ug/l	98
38) Carbon Tetrachloride	8.365	117	89607	19.783	ug/l	93
39) Methylcyclohexane	9.606	83	62723	18.225	ug/l	90
40) Benzene	8.606	78	180444	17.787	ug/l	99

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41) Methacrylonitrile	7.777	41	22818	16.782	ug/l	93
42) 1,2-Dichloroethane	8.671	62	86038	20.730	ug/l	93
43) Isopropyl Acetate	8.694	43	74718	15.508	ug/l	99
44) Trichloroethene	9.353	130	49206	18.491	ug/l	97
45) 1,2-Dichloropropane	9.623	63	42159	17.883	ug/l	96
46) Dibromomethane	9.712	93	33855	18.971	ug/l	92
47) Bromodichloromethane	9.888	83	77204	19.667	ug/l	95
48) Methyl methacrylate	9.682	41	44636	17.978	ug/l	92
49) 1,4-Dioxane	9.700	88	13298	321.944	ug/l	87
51) 4-Methyl-2-Pentanone	10.447	43	214290	85.910	ug/l	95
52) Toluene	10.629	92	118130	18.607	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	75552	18.733	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	77353	18.773	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	45091	18.609	ug/l	99
56) Ethyl methacrylate	10.876	69	45157	18.242	ug/l	88
57) 1,3-Dichloropropane	11.165	76	77988	18.434	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	125122	89.721	ug/l	99
59) 2-Hexanone	11.200	43	160278	79.965	ug/l	95
60) Dibromochloromethane	11.359	129	56995	19.647	ug/l	100
61) 1,2-Dibromoethane	11.470	107	45296	18.324	ug/l	97
64) Tetrachloroethene	11.100	164	45512	19.902	ug/l	97
65) Chlorobenzene	11.894	112	127297	18.748	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	52673	19.991	ug/l	92
67) Ethyl Benzene	11.965	91	227611	18.839	ug/l	96
68) m/p-Xylenes	12.070	106	170518	38.708	ug/l	87
69) o-Xylene	12.400	106	80697	19.438	ug/l	85
70) Styrene	12.412	104	120081	19.433	ug/l	91
71) Bromoform	12.582	173	37795	19.342	ug/l #	96
73) Isopropylbenzene	12.694	105	215433	18.985	ug/l	97
74) N-amyl acetate	12.494	43	56532	15.975	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	58406	17.197	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	55225m	15.435	ug/l	
77) Bromobenzene	12.982	156	53723	18.778	ug/l	94
78) n-propylbenzene	13.035	91	239178	18.849	ug/l	100
79) 2-Chlorotoluene	13.129	91	153318	18.603	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	193440	19.583	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.735	75	17860	16.865	ug/l #	69
82) 4-Chlorotoluene	13.223	91	158580	18.782	ug/l	96
83) tert-Butylbenzene	13.441	119	153591	19.389	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	191741	19.713	ug/l	97
85) sec-Butylbenzene	13.617	105	194411	19.400	ug/l	100
86) p-Isopropyltoluene	13.729	119	176702	19.739	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	94465	18.326	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	91850	17.731	ug/l	97
89) n-Butylbenzene	14.059	91	132485	17.682	ug/l	99
90) Hexachloroethane	14.335	117	33267	19.062	ug/l	72
91) 1,2-Dichlorobenzene	14.106	146	91561	18.562	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	13497	17.109	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	45731	15.941	ug/l	96
94) Hexachlorobutadiene	15.500	225	28157	17.055	ug/l	99
95) Naphthalene	15.641	128	119044	14.310	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	43294	16.100	ug/l	95

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

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