

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112122\
 Data File : VN075350.D
 Acq On : 21 Nov 2022 18:42
 Operator : JC\MD
 Sample : VN1121WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1121WBS01

Quant Time: Nov 23 00:23:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 11/23/2022
 Supervised By :Mahesh Dadoda 11/23/2022

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	156687	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	260038	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	235405	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	119744	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	43468	51.682	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.360%			
35) Dibromofluoromethane	8.165	113	53053	51.936	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.880%			
50) Toluene-d8	10.565	98	119787	52.065	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.120%			
62) 4-Bromofluorobenzene	12.847	95	89084	52.458	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	22280	18.596	ug/l	92
3) Chloromethane	2.377	50	27177	18.230	ug/l	91
4) Vinyl Chloride	2.524	62	36734	19.551	ug/l	96
5) Bromomethane	2.918	94	33515	20.285	ug/l	97
6) Chloroethane	3.106	64	27864	19.572	ug/l #	89
7) Trichlorofluoromethane	3.501	101	49203	18.331	ug/l	90
8) Diethyl Ether	3.965	74	18543	19.711	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.383	101	29818	20.123	ug/l	97
10) Methyl Iodide	4.589	142	44636	18.590	ug/l	95
11) Tert butyl alcohol	5.536	59	33170	93.946	ug/l #	84
12) 1,1-Dichloroethene	4.348	96	27573	19.003	ug/l	85
13) Acrolein	4.195	56	30665	99.696	ug/l	99
14) Allyl chloride	5.030	41	36003	19.182	ug/l	97
15) Acrylonitrile	5.730	53	77996	96.286	ug/l	98
16) Acetone	4.442	43	67857	86.495	ug/l	100
17) Carbon Disulfide	4.712	76	68329	18.120	ug/l	98
18) Methyl Acetate	5.042	43	41563	20.244	ug/l	96
19) Methyl tert-butyl Ether	5.806	73	97692	19.006	ug/l	99
20) Methylene Chloride	5.283	84	32813	19.855	ug/l	87
21) trans-1,2-Dichloroethene	5.789	96	30035	18.163	ug/l	87
22) Diisopropyl ether	6.683	45	83149	19.413	ug/l	97
23) Vinyl Acetate	6.612	43	327188m	96.021	ug/l	
24) 1,1-Dichloroethane	6.577	63	52427	19.070	ug/l #	97
25) 2-Butanone	7.488	43	102144	93.258	ug/l	96
26) 2,2-Dichloropropane	7.494	77	47059	18.418	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	36030	19.269	ug/l	95
28) Bromochloromethane	7.818	49	22574	20.229	ug/l	95
29) Tetrahydrofuran	7.847	42	65319	98.044	ug/l	98
30) Chloroform	7.971	83	58540	18.542	ug/l	99
31) Cyclohexane	8.259	56	48209	18.041	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	53726	18.742	ug/l	93
36) 1,1-Dichloropropene	8.377	75	42895	19.255	ug/l	96
37) Ethyl Acetate	7.565	43	39587	19.736	ug/l	98
38) Carbon Tetrachloride	8.365	117	47687	19.487	ug/l	96
39) Methylcyclohexane	9.600	83	54096	19.403	ug/l	95
40) Benzene	8.612	78	132768	19.466	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	19047	18.573	ug/l	95
42) 1,2-Dichloroethane	8.671	62	44676	19.558	ug/l	97
43) Isopropyl Acetate	8.694	43	62361	19.369	ug/l	97
44) Trichloroethene	9.353	130	35941	19.258	ug/l	88
45) 1,2-Dichloropropane	9.624	63	31419	19.330	ug/l	92
46) Dibromomethane	9.712	93	23416	19.047	ug/l	93
47) Bromodichloromethane	9.888	83	45567	19.140	ug/l	89
48) Methyl methacrylate	9.682	41	28623	19.226	ug/l	97
49) 1,4-Dioxane	9.694	88	16923	400.316	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	199548	97.308	ug/l	97
52) Toluene	10.629	92	85699	19.498	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	46895	19.621	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	49448	19.049	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	34592	19.324	ug/l	93
56) Ethyl methacrylate	10.871	69	47932	19.827	ug/l	97
57) 1,3-Dichloropropane	11.165	76	56304	19.290	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	88802	101.849	ug/l	96
59) 2-Hexanone	11.194	43	148400	96.372	ug/l	95
60) Dibromochloromethane	11.359	129	35811	19.489	ug/l	100
61) 1,2-Dibromoethane	11.471	107	35362	19.032	ug/l	97
64) Tetrachloroethene	11.100	164	34093	18.965	ug/l	89
65) Chlorobenzene	11.894	112	90861	18.690	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	34066	18.775	ug/l	97
67) Ethyl Benzene	11.965	91	161872	19.517	ug/l	97
68) m/p-Xylenes	12.071	106	131354	38.999	ug/l	99
69) o-Xylene	12.400	106	64782	19.358	ug/l	98
70) Styrene	12.412	104	104244	19.747	ug/l	98
71) Bromoform	12.576	173	25181	18.235	ug/l #	96
73) Isopropylbenzene	12.694	105	164365	18.788	ug/l	97
74) N-amyl acetate	12.494	43	52344	19.462	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	50886	19.078	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	48332m	21.348	ug/l	
77) Bromobenzene	12.982	156	40776	18.880	ug/l	86
78) n-propylbenzene	13.035	91	187409	19.195	ug/l	100
79) 2-Chlorotoluene	13.123	91	114594	19.480	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	142366	19.587	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	13176	17.219	ug/l	95
82) 4-Chlorotoluene	13.123	91	114594	19.480	ug/l	97
83) tert-Butylbenzene	13.441	119	127580	19.252	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	143276	19.652	ug/l	99
85) sec-Butylbenzene	13.617	105	178746	19.879	ug/l	99
86) p-Isopropyltoluene	13.729	119	151773	20.062	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	77903	19.037	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	76536	18.412	ug/l	99
89) n-Butylbenzene	14.059	91	119830	18.754	ug/l	98
90) Hexachloroethane	14.335	117	24288	18.610	ug/l	90
91) 1,2-Dichlorobenzene	14.106	146	75387	18.899	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	9694	19.187	ug/l	87
93) 1,2,4-Trichlorobenzene	15.394	180	36382	17.798	ug/l	95
94) Hexachlorobutadiene	15.500	225	19526	18.339	ug/l	97
95) Naphthalene	15.641	128	118461	18.421	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	35702	17.770	ug/l	96

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

