

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112224\
 Data File : VN085014.D
 Acq On : 22 Nov 2024 18:05
 Operator : JC\MD
 Sample : VN1122WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122WBS01

Quant Time: Nov 23 03:23:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/25/2024
 Supervised By : Mahesh Dadoda 11/25/2024

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	185321	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	303227	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	265687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	132118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	126044	47.748	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.500%		
35) Dibromofluoromethane	8.159	113	98907	48.369	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.740%		
50) Toluene-d8	10.565	98	365634	49.893	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.780%		
62) 4-Bromofluorobenzene	12.847	95	137582	50.202	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.400%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	46364	22.125	ug/l	100
3) Chloromethane	2.359	50	49242	20.260	ug/l	94
4) Vinyl Chloride	2.512	62	47554	21.772	ug/l	99
5) Bromomethane	2.906	94	25524	20.849	ug/l	93
6) Chloroethane	3.083	64	30153	20.482	ug/l	95
7) Trichlorofluoromethane	3.477	101	82253	22.138	ug/l	95
8) Diethyl Ether	3.953	74	29003	22.934	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.359	101	47137	22.368	ug/l	98
10) Methyl Iodide	4.583	142	61826	22.164	ug/l	95
11) Tert butyl alcohol	5.524	59	37391	105.997	ug/l	97
12) 1,1-Dichloroethene	4.324	96	43856	22.296	ug/l	92
13) Acrolein	4.171	56	25492	108.300	ug/l	98
14) Allyl chloride	5.006	41	72929	21.993	ug/l	99
15) Acrylonitrile	5.712	53	112125	112.270	ug/l	99
16) Acetone	4.424	43	97740	127.133	ug/l	100
17) Carbon Disulfide	4.700	76	115482	19.891	ug/l	98
18) Methyl Acetate	5.018	43	57461	22.759	ug/l	100
19) Methyl tert-butyl Ether	5.795	73	148177	23.056	ug/l	99
20) Methylene Chloride	5.259	84	50288	21.436	ug/l	98
21) trans-1,2-Dichloroethene	5.777	96	45570	22.015	ug/l	93
22) Diisopropyl ether	6.665	45	154166	23.100	ug/l	99
23) Vinyl Acetate	6.595	43	537133	116.663	ug/l	99
24) 1,1-Dichloroethane	6.565	63	88675	22.203	ug/l	99
25) 2-Butanone	7.477	43	150172	119.476	ug/l	98
26) 2,2-Dichloropropane	7.483	77	82980	22.251	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	55551	22.261	ug/l	99
28) Bromochloromethane	7.812	49	26201	17.379	ug/l	97
29) Tetrahydrofuran	7.836	42	91619	117.214	ug/l	99
30) Chloroform	7.959	83	92175	21.697	ug/l	98
31) Cyclohexane	8.253	56	77046	21.911	ug/l	90
32) 1,1,1-Trichloroethane	8.159	97	84738	22.073	ug/l	99
36) 1,1-Dichloropropene	8.365	75	62276	22.484	ug/l	100
37) Ethyl Acetate	7.553	43	58707	23.315	ug/l	99
38) Carbon Tetrachloride	8.359	117	73184	22.891	ug/l	97
39) Methylcyclohexane	9.594	83	68614	23.840	ug/l	97
40) Benzene	8.600	78	199910	22.820	ug/l	97

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41) Methacrylonitrile	7.771	41	31809	22.816	ug/l	94
42) 1,2-Dichloroethane	8.665	62	68359	22.810	ug/l	99
43) Isopropyl Acetate	8.683	43	110881	21.200	ug/l	97
44) Trichloroethene	9.347	130	45534	22.366	ug/l	99
45) 1,2-Dichloropropane	9.618	63	48072	22.280	ug/l	93
46) Dibromomethane	9.706	93	33600	22.411	ug/l	98
47) Bromodichloromethane	9.883	83	72806	22.912	ug/l	93
48) Methyl methacrylate	9.677	41	47665	24.490	ug/l	96
49) 1,4-Dioxane	9.694	88	15379	455.638	ug/l #	91
51) 4-Methyl-2-Pentanone	10.441	43	294939	123.459	ug/l	100
52) Toluene	10.624	92	121997	23.524	ug/l	99
53) t-1,3-Dichloropropene	10.830	75	72346	22.709	ug/l	98
54) cis-1,3-Dichloropropene	10.306	75	78468	23.218	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	46329	23.984	ug/l	98
56) Ethyl methacrylate	10.871	69	70594	25.010	ug/l	99
57) 1,3-Dichloropropane	11.159	76	78133	22.982	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	147192	106.307	ug/l	100
59) 2-Hexanone	11.194	43	224080	125.414	ug/l	100
60) Dibromochloromethane	11.359	129	54461	23.069	ug/l	97
61) 1,2-Dibromoethane	11.465	107	46584	23.302	ug/l	96
64) Tetrachloroethene	11.100	164	39229	21.912	ug/l	96
65) Chlorobenzene	11.888	112	128475	21.322	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	47122	22.212	ug/l	99
67) Ethyl Benzene	11.959	91	221527	22.661	ug/l	99
68) m/p-Xylenes	12.071	106	171105	45.974	ug/l	99
69) o-Xylene	12.394	106	82572	23.324	ug/l	100
70) Styrene	12.412	104	140988	23.947	ug/l	98
71) Bromoform	12.576	173	35645	22.635	ug/l #	97
73) Isopropylbenzene	12.694	105	211166	22.656	ug/l	99
74) N-amyl acetate	12.494	43	86413	22.499	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	67742	21.284	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	61695m	25.673	ug/l	
77) Bromobenzene	12.982	156	51251	20.433	ug/l	96
78) n-propylbenzene	13.035	91	241081	22.425	ug/l	99
79) 2-Chlorotoluene	13.123	91	155771	21.706	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	177473	22.692	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	23051	21.175	ug/l	93
82) 4-Chlorotoluene	13.218	91	158323	21.193	ug/l	99
83) tert-Butylbenzene	13.435	119	149265	22.181	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	185826	23.082	ug/l	98
85) sec-Butylbenzene	13.612	105	208641	22.952	ug/l	99
86) p-Isopropyltoluene	13.729	119	175205	23.348	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	97891	19.787	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	97493	19.311	ug/l	99
89) n-Butylbenzene	14.053	91	148417	21.267	ug/l	98
90) Hexachloroethane	14.329	117	33677	20.589	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	95083	20.057	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	13061	21.222	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	48028	18.648	ug/l	95
94) Hexachlorobutadiene	15.500	225	23471	19.747	ug/l	98
95) Naphthalene	15.641	128	147280	20.078	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	48372	19.684	ug/l	99

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

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