

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122724\
 Data File : VN085330.D
 Acq On : 27 Dec 2024 16:57
 Operator : JC\MD
 Sample : VN1227WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1227WBS01

Quant Time: Dec 28 01:42:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/30/2024
 Supervised By : Mahesh Dadoda 12/30/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	170735	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	303482	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	253770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	111138	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	121898	50.057	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.120%			
35) Dibromofluoromethane	8.165	113	94013	49.656	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.320%			
50) Toluene-d8	10.565	98	351721	50.625	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.260%			
62) 4-Bromofluorobenzene	12.847	95	116494	50.489	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.980%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	43449	18.817	ug/l	95
3) Chloromethane	2.359	50	43547	16.780	ug/l	100
4) Vinyl Chloride	2.512	62	46023	16.768	ug/l	96
5) Bromomethane	2.959	94	29868	16.639	ug/l	98
6) Chloroethane	3.118	64	30694	17.634	ug/l	99
7) Trichlorofluoromethane	3.501	101	63768	17.674	ug/l	98
8) Diethyl Ether	3.959	74	21725	18.186	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	35886	17.480	ug/l	97
10) Methyl Iodide	4.589	142	40932	17.229	ug/l	94
11) Tert butyl alcohol	5.506	59	31998	104.934	ug/l	100
12) 1,1-Dichloroethene	4.342	96	33040	17.414	ug/l	87
13) Acrolein	4.177	56	41809	87.943	ug/l	100
14) Allyl chloride	5.024	41	49542	16.315	ug/l	98
15) Acrylonitrile	5.718	53	90364	94.155	ug/l	98
16) Acetone	4.424	43	77254	96.477	ug/l	96
17) Carbon Disulfide	4.712	76	90070	15.605	ug/l	98
18) Methyl Acetate	5.024	43	47009	19.175	ug/l	100
19) Methyl tert-butyl Ether	5.795	73	110534	17.924	ug/l	99
20) Methylene Chloride	5.277	84	37667	17.488	ug/l	96
21) trans-1,2-Dichloroethene	5.789	96	33327	16.815	ug/l	92
22) Diisopropyl ether	6.671	45	118015	18.035	ug/l	98
23) Vinyl Acetate	6.600	43	434816	91.855	ug/l	98
24) 1,1-Dichloroethane	6.565	63	69242	17.566	ug/l	98
25) 2-Butanone	7.483	43	119558	96.241	ug/l	97
26) 2,2-Dichloropropane	7.489	77	59724	17.294	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	40786	17.533	ug/l	97
28) Bromochloromethane	7.812	49	33586	18.335	ug/l #	100
29) Tetrahydrofuran	7.836	42	81381	101.699	ug/l	99
30) Chloroform	7.959	83	70354	17.446	ug/l	95
31) Cyclohexane	8.253	56	59824	16.621	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	61343	17.033	ug/l	98
36) 1,1-Dichloropropene	8.371	75	48077	17.343	ug/l	99
37) Ethyl Acetate	7.559	43	51711	18.768	ug/l	99
38) Carbon Tetrachloride	8.359	117	53303	17.641	ug/l	96
39) Methylcyclohexane	9.600	83	49793	17.312	ug/l	99
40) Benzene	8.600	78	146952	17.534	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	26082	18.484	ug/l	98
42) 1,2-Dichloroethane	8.665	62	51885	17.267	ug/l	100
43) Isopropyl Acetate	8.683	43	83925	18.499	ug/l	99
44) Trichloroethene	9.347	130	33316	16.790	ug/l	96
45) 1,2-Dichloropropane	9.618	63	37543	17.646	ug/l	99
46) Dibromomethane	9.706	93	26479	17.895	ug/l	99
47) Bromodichloromethane	9.883	83	54021	17.565	ug/l	97
48) Methyl methacrylate	9.677	41	38382	19.497	ug/l	97
49) 1,4-Dioxane	9.688	88	13255	446.267	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	257213	100.886	ug/l	100
52) Toluene	10.630	92	89808	17.996	ug/l	99
53) t-1,3-Dichloropropene	10.830	75	53764	17.777	ug/l	93
54) cis-1,3-Dichloropropene	10.306	75	59027	18.049	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	34671	18.402	ug/l	96
56) Ethyl methacrylate	10.871	69	52590	19.165	ug/l	99
57) 1,3-Dichloropropane	11.159	76	60541	18.308	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	134176	101.065	ug/l	100
59) 2-Hexanone	11.194	43	183110	103.517	ug/l	100
60) Dibromochloromethane	11.359	129	38342	18.067	ug/l	95
61) 1,2-Dibromoethane	11.465	107	33837	18.152	ug/l	99
64) Tetrachloroethene	11.100	164	29016	18.045	ug/l	94
65) Chlorobenzene	11.888	112	97170	17.719	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	33399	18.146	ug/l	99
67) Ethyl Benzene	11.959	91	167113	18.324	ug/l	100
68) m/p-Xylenes	12.071	106	127874	38.314	ug/l	99
69) o-Xylene	12.394	106	58720	18.187	ug/l	93
70) Styrene	12.406	104	100048	19.120	ug/l	99
71) Bromoform	12.571	173	24033	18.853	ug/l #	98
73) Isopropylbenzene	12.694	105	149902	18.757	ug/l	99
74) N-amyl acetate	12.488	43	69851	20.419	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	49543	19.464	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	45541m	21.944	ug/l	
77) Bromobenzene	12.976	156	35139	17.746	ug/l	96
78) n-propylbenzene	13.035	91	180713	19.398	ug/l	99
79) 2-Chlorotoluene	13.118	91	109897	18.744	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	125698	19.444	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	16022	18.488	ug/l	91
82) 4-Chlorotoluene	13.218	91	109755	18.587	ug/l	98
83) tert-Butylbenzene	13.435	119	104613	18.682	ug/l	96
84) 1,2,4-Trimethylbenzene	13.476	105	126545	19.659	ug/l	99
85) sec-Butylbenzene	13.612	105	149749	19.266	ug/l	100
86) p-Isopropyltoluene	13.729	119	121179	18.228	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	66029	18.395	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	65210	17.686	ug/l	98
89) n-Butylbenzene	14.053	91	101990	17.919	ug/l	98
90) Hexachloroethane	14.329	117	23690	18.594	ug/l	98
91) 1,2-Dichlorobenzene	14.100	146	63769	18.649	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8997	19.860	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	29229	17.127	ug/l	98
94) Hexachlorobutadiene	15.500	225	13999	16.510	ug/l	99
95) Naphthalene	15.635	128	95832	16.560	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	29742	17.443	ug/l	97

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

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