

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121724\
 Data File : VN085223.D
 Acq On : 17 Dec 2024 14:44
 Operator : JC\MD
 Sample : VN1217WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1217WBSD02

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
 Supervised By :Semsettin Yesilyurt 12/18/2024

Quant Time: Dec 18 00:25:30 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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	127369	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	204977	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	187927	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	91767	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	91383	50.369	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.740%			
35) Dibromofluoromethane	8.165	113	72136	52.186	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.380%			
50) Toluene-d8	10.565	98	247906	50.043	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.080%			
62) 4-Bromofluorobenzene	12.847	95	96026	51.834	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.660%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	43524	30.220	ug/l	99
3) Chloromethane	2.359	50	37542	22.474	ug/l	99
4) Vinyl Chloride	2.512	62	38851	25.881	ug/l	94
5) Bromomethane	2.959	94	25426	30.219	ug/l	98
6) Chloroethane	3.124	64	26008m	25.704	ug/l	
7) Trichlorofluoromethane	3.495	101	63257	24.771	ug/l	95
8) Diethyl Ether	3.965	74	19853	22.842	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	35401	24.443	ug/l	99
10) Methyl Iodide	4.589	142	40853	21.309	ug/l	100
11) Tert butyl alcohol	5.518	59	26481	109.225	ug/l	97
12) 1,1-Dichloroethene	4.342	96	31022	22.947	ug/l	94
13) Acrolein	4.171	56	7865	48.617	ug/l	99
14) Allyl chloride	5.024	41	44697	19.612	ug/l	93
15) Acrylonitrile	5.718	53	79423	115.710	ug/l	99
16) Acetone	4.430	43	62999	119.229	ug/l	98
17) Carbon Disulfide	4.712	76	94525	23.689	ug/l	96
18) Methyl Acetate	5.030	43	38859	22.375	ug/l	99
19) Methyl tert-butyl Ether	5.800	73	103815	23.503	ug/l	98
20) Methylene Chloride	5.271	84	36666	22.740	ug/l	92
21) trans-1,2-Dichloroethene	5.783	96	33050	23.231	ug/l	89
22) Diisopropyl ether	6.671	45	103033	22.463	ug/l	99
23) Vinyl Acetate	6.600	43	379171	119.825	ug/l	97
24) 1,1-Dichloroethane	6.565	63	61217	22.302	ug/l	98
25) 2-Butanone	7.482	43	102328	118.453	ug/l	98
26) 2,2-Dichloropropane	7.494	77	57056	22.261	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	38915	22.690	ug/l	97
28) Bromochloromethane	7.806	49	17592	16.978	ug/l	92
29) Tetrahydrofuran	7.841	42	66035	122.921	ug/l	99
30) Chloroform	7.965	83	68051	23.306	ug/l	93
31) Cyclohexane	8.259	56	52540	21.740	ug/l	94
32) 1,1,1-Trichloroethane	8.171	97	62528	23.698	ug/l	97
36) 1,1-Dichloropropene	8.365	75	44350	23.687	ug/l	99
37) Ethyl Acetate	7.559	43	42075	24.719	ug/l	100
38) Carbon Tetrachloride	8.359	117	56162	25.987	ug/l	98
39) Methylcyclohexane	9.600	83	46483	23.891	ug/l	94
40) Benzene	8.606	78	141124	23.831	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	23427	24.858	ug/l	98
42) 1,2-Dichloroethane	8.671	62	49899	24.631	ug/l	98
43) Isopropyl Acetate	8.688	43	72065	20.383	ug/l	97
44) Trichloroethene	9.353	130	33320	24.212	ug/l	86
45) 1,2-Dichloropropane	9.624	63	34298	23.515	ug/l	95
46) Dibromomethane	9.706	93	25622	25.281	ug/l	98
47) Bromodichloromethane	9.888	83	52488	24.436	ug/l	98
48) Methyl methacrylate	9.682	41	32584	24.766	ug/l	99
49) 1,4-Dioxane	9.688	88	11683	512.046	ug/l	99
51) 4-Methyl-2-Pentanone	10.441	43	215331	133.340	ug/l	99
52) Toluene	10.629	92	86687	24.728	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	51348	23.844	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	54813	23.992	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	33523	25.673	ug/l	97
56) Ethyl methacrylate	10.876	69	49942	26.174	ug/l	99
57) 1,3-Dichloropropane	11.165	76	55960	24.350	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	87338	93.313	ug/l	97
59) 2-Hexanone	11.194	43	156101	129.244	ug/l	98
60) Dibromochloromethane	11.359	129	41687	26.122	ug/l	99
61) 1,2-Dibromoethane	11.470	107	33424	24.733	ug/l	98
64) Tetrachloroethene	11.100	164	30138	23.800	ug/l	93
65) Chlorobenzene	11.888	112	94920	22.271	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	35985	23.981	ug/l	97
67) Ethyl Benzene	11.965	91	156848	22.684	ug/l	98
68) m/p-Xylenes	12.070	106	123552	46.934	ug/l	98
69) o-Xylene	12.400	106	59660	23.825	ug/l	98
70) Styrene	12.412	104	100396	24.109	ug/l	98
71) Bromoform	12.582	173	27690	24.859	ug/l #	98
73) Isopropylbenzene	12.694	105	150045	23.177	ug/l	99
74) N-amyl acetate	12.494	43	60926	22.838	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	48625	21.996	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	39463m	23.642	ug/l	
77) Bromobenzene	12.976	156	39654	22.761	ug/l	97
78) n-propylbenzene	13.035	91	177154	23.725	ug/l	99
79) 2-Chlorotoluene	13.123	91	112703	22.610	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	128457	23.647	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	16634m	21.999	ug/l	
82) 4-Chlorotoluene	13.217	91	115190	22.199	ug/l	100
83) tert-Butylbenzene	13.435	119	107683	23.038	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	132124	23.628	ug/l	99
85) sec-Butylbenzene	13.617	105	147776	23.404	ug/l	99
86) p-Isopropyltoluene	13.729	119	125394	24.058	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	69781	20.307	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	70139	20.001	ug/l	98
89) n-Butylbenzene	14.053	91	96619	19.933	ug/l	99
90) Hexachloroethane	14.329	117	26018	22.900	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	66464	20.185	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	8934	20.899	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	33085	18.495	ug/l	98
94) Hexachlorobutadiene	15.500	225	17045	20.646	ug/l	97
95) Naphthalene	15.641	128	95873	18.817	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	33153	19.423	ug/l	98

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

