

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121324\
 Data File : VN085193.D
 Acq On : 13 Dec 2024 13:52
 Operator : JC\MD
 Sample : VN1213WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1213WBSD01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/16/2024
 Supervised By :Mahesh Dadoda 12/16/2024

Quant Time: Dec 13 23:32:27 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	8.218	168	137829	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	223171	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	200688	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	97109	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	94465	48.116	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.240%		
35) Dibromofluoromethane	8.165	113	74767	49.679	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.360%		
50) Toluene-d8	10.565	98	253906	47.076	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.160%		
62) 4-Bromofluorobenzene	12.847	95	96778	47.981	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	95.960%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	42570	27.315	ug/l	99
3) Chloromethane	2.359	50	37205	20.582	ug/l	98
4) Vinyl Chloride	2.512	62	36797	22.652	ug/l	94
5) Bromomethane	2.959	94	24991	27.448	ug/l	89
6) Chloroethane	3.124	64	23218	21.205	ug/l	99
7) Trichlorofluoromethane	3.506	101	60874	22.029	ug/l	93
8) Diethyl Ether	3.965	74	20125	21.398	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.377	101	32925	21.008	ug/l	98
10) Methyl Iodide	4.589	142	42506	20.489	ug/l	99
11) Tert butyl alcohol	5.512	59	25118	95.740	ug/l	98
12) 1,1-Dichloroethene	4.348	96	29233	19.983	ug/l	99
13) Acrolein	4.183	56	16541	94.487	ug/l	98
14) Allyl chloride	5.018	41	41392	16.784	ug/l	91
15) Acrylonitrile	5.718	53	78356	105.492	ug/l	98
16) Acetone	4.424	43	64469	112.751	ug/l	98
17) Carbon Disulfide	4.718	76	91459	21.181	ug/l	99
18) Methyl Acetate	5.018	43	36197	19.097	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	98114	20.527	ug/l	98
20) Methylene Chloride	5.277	84	35147	20.144	ug/l	94
21) trans-1,2-Dichloroethene	5.789	96	30978	20.122	ug/l	94
22) Diisopropyl ether	6.665	45	98045	19.753	ug/l	97
23) Vinyl Acetate	6.600	43	355368	103.780	ug/l	97
24) 1,1-Dichloroethane	6.565	63	58611	19.732	ug/l	99
25) 2-Butanone	7.477	43	97074	103.843	ug/l	96
26) 2,2-Dichloropropane	7.483	77	53328	19.227	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	36332	19.576	ug/l	99
28) Bromochloromethane	7.806	49	19144	17.074	ug/l	88
29) Tetrahydrofuran	7.836	42	62430	107.391	ug/l	98
30) Chloroform	7.959	83	62083	19.649	ug/l	95
31) Cyclohexane	8.259	56	52010	19.887	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	57452	20.122	ug/l	98
36) 1,1-Dichloropropene	8.365	75	42499	20.848	ug/l	99
37) Ethyl Acetate	7.559	43	40341	21.768	ug/l	99
38) Carbon Tetrachloride	8.359	117	50416	21.426	ug/l	98
39) Methylcyclohexane	9.600	83	43645	20.604	ug/l	100
40) Benzene	8.600	78	132014	20.476	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	22298	21.731	ug/l	98
42) 1,2-Dichloroethane	8.665	62	47952	21.740	ug/l	99
43) Isopropyl Acetate	8.683	43	67271	17.476	ug/l	98
44) Trichloroethene	9.353	130	32212	21.498	ug/l	90
45) 1,2-Dichloropropane	9.618	63	32235	20.299	ug/l	98
46) Dibromomethane	9.706	93	23698	21.476	ug/l	98
47) Bromodichloromethane	9.882	83	50073	21.411	ug/l	99
48) Methyl methacrylate	9.677	41	31561	22.033	ug/l	96
49) 1,4-Dioxane	9.694	88	10575	425.699	ug/l #	85
51) 4-Methyl-2-Pentanone	10.441	43	201185	114.424	ug/l	99
52) Toluene	10.629	92	82376	21.582	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	48424	20.653	ug/l	100
54) cis-1,3-Dichloropropene	10.306	75	52893	21.264	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	31269	21.994	ug/l	97
56) Ethyl methacrylate	10.871	69	46917	22.584	ug/l	99
57) 1,3-Dichloropropane	11.159	76	54218	21.668	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	97897	96.068	ug/l	99
59) 2-Hexanone	11.194	43	147247	111.975	ug/l	98
60) Dibromochloromethane	11.359	129	39092	22.499	ug/l	97
61) 1,2-Dibromoethane	11.465	107	32918	22.373	ug/l	95
64) Tetrachloroethene	11.100	164	29397	21.739	ug/l	96
65) Chlorobenzene	11.888	112	88898	19.532	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	33208	20.723	ug/l	98
67) Ethyl Benzene	11.959	91	147234	19.939	ug/l	99
68) m/p-Xylenes	12.071	106	116443	41.420	ug/l	98
69) o-Xylene	12.394	106	54232	20.280	ug/l	98
70) Styrene	12.406	104	93670	21.063	ug/l	99
71) Bromoform	12.576	173	26599	22.362	ug/l #	99
73) Isopropylbenzene	12.694	105	135190	19.734	ug/l	100
74) N-amyl acetate	12.494	43	56003	19.838	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	43891	18.762	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	35951m	20.353	ug/l	
77) Bromobenzene	12.976	156	35778	19.407	ug/l	99
78) n-propylbenzene	13.029	91	164854	20.863	ug/l	99
79) 2-Chlorotoluene	13.123	91	104560	19.823	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	120008	20.876	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	15312	19.137	ug/l	90
82) 4-Chlorotoluene	13.218	91	106543	19.403	ug/l	99
83) tert-Butylbenzene	13.435	119	97120	19.635	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	119810	20.247	ug/l	100
85) sec-Butylbenzene	13.612	105	136833	20.479	ug/l	99
86) p-Isopropyltoluene	13.729	119	112633	20.421	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	65134	17.912	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	64065	17.264	ug/l	96
89) n-Butylbenzene	14.053	91	92754	18.083	ug/l	98
90) Hexachloroethane	14.329	117	22474	18.693	ug/l	96
91) 1,2-Dichlorobenzene	14.100	146	62169	17.842	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8369	18.501	ug/l	99
93) 1,2,4-Trichlorobenzene	15.382	180	30666	16.200	ug/l	98
94) Hexachlorobutadiene	15.494	225	15358	17.579	ug/l	99
95) Naphthalene	15.635	128	84376	15.650	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	29561	16.366	ug/l	96

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

