

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112224\
 Data File : VN085015.D
 Acq On : 22 Nov 2024 18:29
 Operator : JC\MD
 Sample : VN1122WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Nov 23 03:24:39 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	153719	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	259508	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	223400	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	108827	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	106846	48.797	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.600%
35) Dibromofluoromethane	8.159	113	85398	48.798	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.600%
50) Toluene-d8	10.565	98	309587	49.362	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.720%
62) 4-Bromofluorobenzene	12.847	95	114719	48.912	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.820%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.118	85	33085	19.034	ug/l	99
3) Chloromethane	2.360	50	35494	17.606	ug/l	99
4) Vinyl Chloride	2.512	62	34115	18.830	ug/l	96
5) Bromomethane	2.901	94	18481	18.200	ug/l	97
6) Chloroethane	3.077	64	21428	17.547	ug/l #	89
7) Trichlorofluoromethane	3.477	101	58228	18.893	ug/l	95
8) Diethyl Ether	3.959	74	20754	19.785	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.359	101	33723	19.293	ug/l	98
10) Methyl Iodide	4.577	142	44578	19.267	ug/l	95
11) Tert butyl alcohol	5.530	59	29151	99.627	ug/l #	88
12) 1,1-Dichloroethene	4.330	96	30608	18.760	ug/l	98
13) Acrolein	4.177	56	19496	99.854	ug/l	98
14) Allyl chloride	5.012	41	52326	19.024	ug/l	99
15) Acrylonitrile	5.712	53	81143	97.951	ug/l	99
16) Acetone	4.424	43	65581	102.840	ug/l	95
17) Carbon Disulfide	4.701	76	84086	17.461	ug/l #	94
18) Methyl Acetate	5.018	43	42275	20.054	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	106549	19.987	ug/l	99
20) Methylene Chloride	5.271	84	34817	17.892	ug/l	97
21) trans-1,2-Dichloroethene	5.771	96	32748	19.073	ug/l	98
22) Diisopropyl ether	6.665	45	109050	19.699	ug/l	95
23) Vinyl Acetate	6.595	43	383234	100.349	ug/l	99
24) 1,1-Dichloroethane	6.559	63	62924	18.995	ug/l	98
25) 2-Butanone	7.483	43	103666	99.431	ug/l	100
26) 2,2-Dichloropropane	7.483	77	59239	19.150	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	39073	18.877	ug/l	99
28) Bromochloromethane	7.812	49	22371	17.890	ug/l	97
29) Tetrahydrofuran	7.836	42	67432	104.005	ug/l	98
30) Chloroform	7.959	83	67101	19.042	ug/l	99
31) Cyclohexane	8.253	56	54056	18.533	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	60785	19.088	ug/l	95
36) 1,1-Dichloropropene	8.365	75	44888	18.937	ug/l	98
37) Ethyl Acetate	7.547	43	43569	20.218	ug/l	99
38) Carbon Tetrachloride	8.353	117	54808	20.031	ug/l	92
39) Methylcyclohexane	9.600	83	47079	19.113	ug/l	98
40) Benzene	8.600	78	143964	19.202	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	23884	20.018	ug/l	99
42) 1,2-Dichloroethane	8.665	62	49455	19.282	ug/l	100
43) Isopropyl Acetate	8.683	43	77368	17.284	ug/l	99
44) Trichloroethene	9.347	130	33639	19.307	ug/l	91
45) 1,2-Dichloropropane	9.618	63	35164	19.043	ug/l	95
46) Dibromomethane	9.706	93	24634	19.199	ug/l	99
47) Bromodichloromethane	9.883	83	52128	19.169	ug/l	99
48) Methyl methacrylate	9.677	41	33593	20.168	ug/l	96
49) 1,4-Dioxane	9.694	88	11685	404.518	ug/l #	88
51) 4-Methyl-2-Pentanone	10.441	43	217553	106.407	ug/l	99
52) Toluene	10.630	92	88126	19.856	ug/l	100
53) t-1,3-Dichloropropene	10.830	75	51300	18.816	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	56444	19.515	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	33278	20.130	ug/l	95
56) Ethyl methacrylate	10.871	69	50786	21.023	ug/l	98
57) 1,3-Dichloropropane	11.159	76	55426	19.050	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.153	63	109006	91.991	ug/l	100
59) 2-Hexanone	11.194	43	162484	106.260	ug/l	97
60) Dibromochloromethane	11.359	129	40007	19.801	ug/l	96
61) 1,2-Dibromoethane	11.465	107	33745	19.724	ug/l	98
64) Tetrachloroethene	11.100	164	27278	18.121	ug/l	96
65) Chlorobenzene	11.888	112	95092	18.769	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	33775	18.934	ug/l	98
67) Ethyl Benzene	11.965	91	159601	19.417	ug/l	98
68) m/p-Xylenes	12.071	106	121797	38.920	ug/l	100
69) o-Xylene	12.394	106	60507	20.326	ug/l	98
70) Styrene	12.412	104	100850	20.372	ug/l	98
71) Bromoform	12.576	173	25908	19.566	ug/l #	100
73) Isopropylbenzene	12.694	105	150312	19.579	ug/l	100
74) N-ethyl acetate	12.494	43	64567	20.409	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	49220	18.775	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	39543m	19.976	ug/l	
77) Bromobenzene	12.976	156	39028	18.890	ug/l	99
78) n-propylbenzene	13.035	91	174563	19.713	ug/l	99
79) 2-Chlorotoluene	13.124	91	116299	19.674	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	129835	20.154	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	17673	19.709	ug/l	97
82) 4-Chlorotoluene	13.218	91	116103	18.867	ug/l	100
83) tert-Butylbenzene	13.435	119	106468	19.208	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	130906	19.740	ug/l	99
85) sec-Butylbenzene	13.612	105	147959	19.760	ug/l	98
86) p-Isopropyltoluene	13.729	119	124747	20.182	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	70666	17.341	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	71136	17.106	ug/l	96
89) n-Butylbenzene	14.053	91	104292	18.143	ug/l	98
90) Hexachloroethane	14.329	117	24680	18.317	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	68419	17.521	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.718	75	9550	18.838	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	33545	15.812	ug/l	97
94) Hexachlorobutadiene	15.500	225	16733	17.091	ug/l	97
95) Naphthalene	15.641	128	106039	17.550	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	33788	16.692	ug/l	99

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

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