

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111424\
 Data File : VN084847.D
 Acq On : 14 Nov 2024 13:24
 Operator : JC\MD
 Sample : VN1114WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/15/2024
 Supervised By : Mahesh Dadoda 11/15/2024

Quant Time: Nov 15 04:45:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	161141	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	263729	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	229436	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	112382	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	115342	49.558	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.120%
35) Dibromofluoromethane	8.165	113	91480	51.246	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.500%
50) Toluene-d8	10.565	98	331841	50.464	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.920%
62) 4-Bromofluorobenzene	12.847	95	126298	51.391	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.780%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	34657	18.709	ug/l	99
3) Chloromethane	2.359	50	39882	16.668	ug/l	97
4) Vinyl Chloride	2.512	62	42327	21.244	ug/l	97
5) Bromomethane	2.901	94	22008	20.848	ug/l	95
6) Chloroethane	3.089	64	28234	22.115	ug/l	93
7) Trichlorofluoromethane	3.477	101	64120	19.537	ug/l	99
8) Diethyl Ether	3.948	74	24623	21.268	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.359	101	36910	19.902	ug/l	95
10) Methyl Iodide	4.571	142	52362	21.126	ug/l	97
11) Tert butyl alcohol	5.530	59	32545	105.936	ug/l #	88
12) 1,1-Dichloroethene	4.330	96	35801	19.509	ug/l	90
13) Acrolein	4.171	56	32198	105.104	ug/l	98
14) Allyl chloride	5.018	41	57145	19.202	ug/l	93
15) Acrylonitrile	5.712	53	92434	103.932	ug/l	97
16) Acetone	4.424	43	73293	107.391	ug/l	96
17) Carbon Disulfide	4.706	76	97238	17.207	ug/l	97
18) Methyl Acetate	5.018	43	47690	16.766	ug/l	97
19) Methyl tert-butyl Ether	5.789	73	122338	21.751	ug/l	98
20) Methylene Chloride	5.271	84	40866	19.964	ug/l	95
21) trans-1,2-Dichloroethene	5.777	96	35914	19.060	ug/l	97
22) Diisopropyl ether	6.671	45	121166	20.490	ug/l	95
23) Vinyl Acetate	6.595	43	433905	106.404	ug/l	97
24) 1,1-Dichloroethane	6.559	63	72333	20.374	ug/l	100
25) 2-Butanone	7.483	43	115624	106.486	ug/l	98
26) 2,2-Dichloropropane	7.483	77	65406	21.167	ug/l	99
27) cis-1,2-Dichloroethene	7.477	96	44912	20.413	ug/l	97
28) Bromochloromethane	7.806	49	31617	22.353	ug/l	93
29) Tetrahydrofuran	7.836	42	74437	103.335	ug/l	94
30) Chloroform	7.965	83	74650	20.659	ug/l	94
31) Cyclohexane	8.247	56	60211	18.738	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	68509	20.830	ug/l	94
36) 1,1-Dichloropropene	8.365	75	50330	20.329	ug/l	99
37) Ethyl Acetate	7.553	43	48091	21.410	ug/l	98
38) Carbon Tetrachloride	8.353	117	58992	21.318	ug/l	95
39) Methylcyclohexane	9.600	83	54807	21.761	ug/l	99
40) Benzene	8.600	78	161059	20.257	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	26930	22.294	ug/l	96
42) 1,2-Dichloroethane	8.665	62	54875	21.311	ug/l	100
43) Isopropyl Acetate	8.683	43	85877	20.118	ug/l	97
44) Trichloroethene	9.347	130	38223	20.845	ug/l	95
45) 1,2-Dichloropropane	9.618	63	39625	21.246	ug/l	97
46) Dibromomethane	9.706	93	27887	21.189	ug/l	94
47) Bromodichloromethane	9.883	83	58538	21.101	ug/l #	99
48) Methyl methacrylate	9.677	41	37031	21.183	ug/l	95
49) 1,4-Dioxane	9.694	88	13600	439.009	ug/l #	94
51) 4-Methyl-2-Pentanone	10.441	43	237670	110.992	ug/l	97
52) Toluene	10.624	92	101527	21.834	ug/l	98
53) t-1,3-Dichloropropene	10.830	75	59212	20.620	ug/l	97
54) cis-1,3-Dichloropropene	10.306	75	64268	21.146	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	37149	21.209	ug/l	98
56) Ethyl methacrylate	10.871	69	58624	23.138	ug/l	94
57) 1,3-Dichloropropane	11.159	76	64292	21.387	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	130230	109.846	ug/l	96
59) 2-Hexanone	11.194	43	173018	111.006	ug/l	96
60) Dibromochloromethane	11.359	129	44362	22.222	ug/l	99
61) 1,2-Dibromoethane	11.465	107	38628	21.535	ug/l	98
64) Tetrachloroethene	11.100	164	33486	21.942	ug/l	96
65) Chlorobenzene	11.888	112	108271	21.094	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	38558	21.596	ug/l	98
67) Ethyl Benzene	11.959	91	183387	21.404	ug/l	97
68) m/p-Xylenes	12.071	106	141376	43.585	ug/l	100
69) o-Xylene	12.394	106	67347	22.194	ug/l	97
70) Styrene	12.412	104	115059	21.737	ug/l	99
71) Bromoform	12.576	173	28987	21.577	ug/l #	99
73) Isopropylbenzene	12.694	105	171691	21.801	ug/l	100
74) N-amyl acetate	12.494	43	70330	20.982	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	54683	20.802	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	49434m	22.005	ug/l	
77) Bromobenzene	12.976	156	43721	20.651	ug/l	94
78) n-propylbenzene	13.035	91	197805	21.434	ug/l	98
79) 2-Chlorotoluene	13.124	91	131560	21.817	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	147573	22.609	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	18920	19.981	ug/l	96
82) 4-Chlorotoluene	13.218	91	127715	20.125	ug/l	98
83) tert-Butylbenzene	13.435	119	122465	22.670	ug/l	97
84) 1,2,4-Trimethylbenzene	13.476	105	151544	22.495	ug/l	97
85) sec-Butylbenzene	13.612	105	168982	22.145	ug/l	100
86) p-Isopropyltoluene	13.729	119	141525	22.614	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	80206	19.412	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	81235	20.758	ug/l	99
89) n-Butylbenzene	14.053	91	118386	20.223	ug/l	99
90) Hexachloroethane	14.329	117	27754	19.886	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	76994	19.392	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.718	75	10107	18.979	ug/l	94
93) 1,2,4-Trichlorobenzene	15.388	180	40082	18.444	ug/l	97
94) Hexachlorobutadiene	15.494	225	19258	20.179	ug/l	96
95) Naphthalene	15.635	128	121654	18.702	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	38027	18.026	ug/l	96

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

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