

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091624\
 Data File : VN083910.D
 Acq On : 16 Sep 2024 12:06
 Operator : JC\MD
 Sample : VN0916WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0916WBS01

Quant Time: Sep 17 02:28:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2024
 Supervised By :Mahesh Dadoda 09/17/2024

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	151928	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	261466	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	230277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	107353	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	112882	49.275	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.540%		
35) Dibromofluoromethane	8.165	113	81591	48.744	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.480%		
50) Toluene-d8	10.565	98	291750	50.418	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.840%		
62) 4-Bromofluorobenzene	12.847	95	108738	45.546	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	91.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	32329	18.323	ug/l	97
3) Chloromethane	2.359	50	32893	17.039	ug/l	96
4) Vinyl Chloride	2.518	62	34337	17.755	ug/l	100
5) Bromomethane	2.965	94	22037	19.846	ug/l	97
6) Chloroethane	3.124	64	22626	16.678	ug/l #	89
7) Trichlorofluoromethane	3.500	101	58228	17.737	ug/l	95
8) Diethyl Ether	3.959	74	19435	17.661	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	32241	18.529	ug/l	98
10) Methyl Iodide	4.595	142	37186	16.804	ug/l	95
11) Tert butyl alcohol	5.524	59	33432	108.982	ug/l	96
12) 1,1-Dichloroethene	4.342	96	29487	17.944	ug/l	91
13) Acrolein	4.177	56	24782	81.876	ug/l	100
14) Allyl chloride	5.024	41	48899	16.700	ug/l	93
15) Acrylonitrile	5.712	53	80935	97.014	ug/l	99
16) Acetone	4.424	43	80262	87.398	ug/l	92
17) Carbon Disulfide	4.718	76	75294	16.380	ug/l	99
18) Methyl Acetate	5.030	43	38968	19.223	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	108050	18.171	ug/l	98
20) Methylene Chloride	5.283	84	34984	18.616	ug/l	99
21) trans-1,2-Dichloroethene	5.789	96	30043	17.060	ug/l	93
22) Diisopropyl ether	6.671	45	110642	18.356	ug/l	96
23) Vinyl Acetate	6.600	43	413243	93.620	ug/l	97
24) 1,1-Dichloroethane	6.565	63	62472	17.990	ug/l	98
25) 2-Butanone	7.483	43	113452	93.993	ug/l	98
26) 2,2-Dichloropropane	7.488	77	56485	17.663	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	37849	18.105	ug/l	99
28) Bromochloromethane	7.812	49	29593	20.236	ug/l	95
29) Tetrahydrofuran	7.841	42	71463	100.130	ug/l	97
30) Chloroform	7.965	83	68134	18.481	ug/l	98
31) Cyclohexane	8.253	56	52923	15.984	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	61538	18.153	ug/l	96
36) 1,1-Dichloropropene	8.371	75	45529	18.071	ug/l	99
37) Ethyl Acetate	7.559	43	47189	20.635	ug/l	96
38) Carbon Tetrachloride	8.359	117	52124	18.236	ug/l	98
39) Methylcyclohexane	9.600	83	48378	16.870	ug/l	92
40) Benzene	8.606	78	138457	18.259	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	26384	19.506	ug/l	98
42) 1,2-Dichloroethane	8.671	62	53435	18.858	ug/l	97
43) Isopropyl Acetate	8.688	43	84474	20.384	ug/l	99
44) Trichloroethene	9.353	130	34196	19.473	ug/l	94
45) 1,2-Dichloropropane	9.624	63	34759	18.965	ug/l	99
46) Dibromomethane	9.712	93	25137	19.581	ug/l	97
47) Bromodichloromethane	9.888	83	52842	19.020	ug/l	95
48) Methyl methacrylate	9.682	41	39065	19.869	ug/l	97
49) 1,4-Dioxane	9.694	88	12487	386.065	ug/l #	94
51) 4-Methyl-2-Pentanone	10.441	43	235771	104.515	ug/l	98
52) Toluene	10.629	92	85027	18.331	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	52290	18.568	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	54329	18.366	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	32463	18.747	ug/l	98
56) Ethyl methacrylate	10.871	69	52194	19.591	ug/l	97
57) 1,3-Dichloropropane	11.165	76	57045	19.167	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	112142	116.818	ug/l	99
59) 2-Hexanone	11.194	43	172417	103.323	ug/l	97
60) Dibromochloromethane	11.359	129	38432	19.831	ug/l	98
61) 1,2-Dibromoethane	11.471	107	32609	18.882	ug/l	98
64) Tetrachloroethene	11.106	164	27480	17.944	ug/l	92
65) Chlorobenzene	11.888	112	92222	18.019	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	31758	17.899	ug/l	99
67) Ethyl Benzene	11.965	91	162851	17.912	ug/l	97
68) m/p-Xylenes	12.070	106	121579	36.019	ug/l	98
69) o-Xylene	12.394	106	57995	17.748	ug/l	98
70) Styrene	12.412	104	98311	18.332	ug/l	98
71) Bromoform	12.576	173	23997	20.071	ug/l #	99
73) Isopropylbenzene	12.694	105	151177	18.202	ug/l	99
74) N-amyl acetate	12.494	43	69630	19.650	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	46321	18.982	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	45059m	20.801	ug/l	
77) Bromobenzene	12.976	156	36500	18.257	ug/l	98
78) n-propylbenzene	13.035	91	181539	18.786	ug/l	99
79) 2-Chlorotoluene	13.123	91	112623	18.274	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	129909	18.552	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	15783	19.083	ug/l	96
82) 4-Chlorotoluene	13.217	91	115004	18.595	ug/l	99
83) tert-Butylbenzene	13.435	119	110699	18.069	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	129502	18.411	ug/l	99
85) sec-Butylbenzene	13.617	105	152410	18.759	ug/l	100
86) p-Isopropyltoluene	13.729	119	126237	18.535	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	65341	17.318	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	65098	17.039	ug/l	98
89) n-Butylbenzene	14.053	91	108305	17.711	ug/l	99
90) Hexachloroethane	14.335	117	24713	18.051	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	64415	17.690	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	9947	20.448	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	31523	16.132	ug/l	98
94) Hexachlorobutadiene	15.500	225	14239	17.159	ug/l	99
95) Naphthalene	15.641	128	98663	16.596	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	30763	16.473	ug/l	99

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

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