

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120424\
 Data File : VN085103.D
 Acq On : 04 Dec 2024 18:49
 Operator : JC\MD
 Sample : P5088-05MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 UNIT-51-RS-SW001-01MSD

Quant Time: Dec 04 22:12:48 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

Manual Integrations APPROVED

Reviewed By :John Carlone 12/05/2024
 Supervised By :Mahesh Dadoda 12/05/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	160452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	266631	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	236037	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	113440	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.577	65	112982	49.434	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.860%
35) Dibromofluoromethane	8.165	113	91817	51.064	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.120%
50) Toluene-d8	10.565	98	321887	49.953	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.900%
62) 4-Bromofluorobenzene	12.847	95	123416	51.214	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.420%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	78369	43.195	ug/l	96
3) Chloromethane	2.359	50	73440	34.900	ug/l	94
4) Vinyl Chloride	2.512	62	79224	41.894	ug/l	97
5) Bromomethane	2.942	94	44111	41.617	ug/l	92
6) Chloroethane	3.112	64	50981	39.996	ug/l	96
7) Trichlorofluoromethane	3.494	101	149102	46.349	ug/l	100
8) Diethyl Ether	3.959	74	54608	49.875	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.377	101	86508	47.414	ug/l	98
10) Methyl Iodide	4.589	142	106305	44.017	ug/l	99
11) Tert butyl alcohol	5.518	59	92706	303.538	ug/l	96
12) 1,1-Dichloroethene	4.336	96	78591	46.148	ug/l	96
13) Acrolein	4.171	56	66027	323.985	ug/l	96
14) Allyl chloride	5.024	41	120286	41.898	ug/l	93
15) Acrylonitrile	5.712	53	239039	276.446	ug/l	99
16) Acetone	4.424	43	188859	283.729	ug/l	98
17) Carbon Disulfide	4.712	76	173835	34.582	ug/l	98
18) Methyl Acetate	5.018	43	118419	55.793	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	292473	52.562	ug/l	98
20) Methylene Chloride	5.271	84	92100	45.343	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	78737	43.934	ug/l	92
22) Diisopropyl ether	6.665	45	288678	49.960	ug/l	99
23) Vinyl Acetate	6.600	43	1038722	260.573	ug/l	99
24) 1,1-Dichloroethane	6.565	63	166627	48.188	ug/l	99
25) 2-Butanone	7.477	43	304750	280.036	ug/l	99
26) 2,2-Dichloropropane	7.488	77	149928	46.434	ug/l	97
27) cis-1,2-Dichloroethene	7.482	96	102627	47.501	ug/l	98
28) Bromochloromethane	7.812	49	64611	49.500	ug/l	97
29) Tetrahydrofuran	7.835	42	198212	292.888	ug/l	99
30) Chloroform	7.965	83	179383	48.769	ug/l	99
31) Cyclohexane	8.253	56	124312	40.832	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	162679	48.943	ug/l	98
36) 1,1-Dichloropropene	8.371	75	113116	46.445	ug/l	99
37) Ethyl Acetate	7.559	43	121256	54.765	ug/l	99
38) Carbon Tetrachloride	8.359	117	140805	50.086	ug/l	99
39) Methylcyclohexane	9.600	83	118680	46.894	ug/l	99
40) Benzene	8.606	78	367439	47.701	ug/l	99

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41) Methacrylonitrile	7.777	41	67375	54.960	ug/l	98
42) 1,2-Dichloroethane	8.665	62	127622	48.429	ug/l	99
43) Isopropyl Acetate	8.682	43	225303	48.989	ug/l	99
44) Trichloroethene	9.353	130	86584	48.368	ug/l	98
45) 1,2-Dichloropropane	9.618	63	92759	48.891	ug/l	99
46) Dibromomethane	9.706	93	65493	49.679	ug/l	98
47) Bromodichloromethane	9.888	83	145160	51.952	ug/l	98
48) Methyl methacrylate	9.676	41	99236	57.985	ug/l	98
49) 1,4-Dioxane	9.694	88	36827	1240.839	ug/l #	95
51) 4-Methyl-2-Pentanone	10.441	43	648294	308.617	ug/l	98
52) Toluene	10.629	92	231668	50.803	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	143034	51.061	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	146430	49.273	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	93588	55.099	ug/l	98
56) Ethyl methacrylate	10.871	69	150674	60.707	ug/l	99
57) 1,3-Dichloropropane	11.159	76	156621	52.392	ug/l	99
59) 2-Hexanone	11.194	43	474154	301.801	ug/l	99
60) Dibromochloromethane	11.359	129	112723	54.302	ug/l	98
61) 1,2-Dibromoethane	11.465	107	92337	52.528	ug/l	99
64) Tetrachloroethene	11.100	164	70242	44.164	ug/l	98
65) Chlorobenzene	11.888	112	255953	47.815	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	95698	50.775	ug/l	99
67) Ethyl Benzene	11.959	91	444549	51.188	ug/l	99
68) m/p-Xylenes	12.070	106	341529	103.293	ug/l	100
69) o-Xylene	12.394	106	167704	53.321	ug/l	99
70) Styrene	12.412	104	283523	54.207	ug/l	100
71) Bromoform	12.576	173	75771	54.160	ug/l #	97
73) Isopropylbenzene	12.694	105	427756	53.451	ug/l	100
74) N-amyl acetate	12.494	43	184435	55.928	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	138336	50.621	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	112717m	54.627	ug/l	
77) Bromobenzene	12.976	156	106457	49.432	ug/l	100
78) n-propylbenzene	13.035	91	505144	54.725	ug/l	99
79) 2-Chlorotoluene	13.123	91	309565	50.239	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	368177	54.826	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	49909	53.396	ug/l	99
82) 4-Chlorotoluene	13.217	91	315657	49.210	ug/l	100
83) tert-Butylbenzene	13.435	119	324884	56.228	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	370220	53.558	ug/l	100
85) sec-Butylbenzene	13.617	105	425229	54.480	ug/l	99
86) p-Isopropyltoluene	13.729	119	359937	55.863	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	190311	44.802	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	192522	44.412	ug/l	99
89) n-Butylbenzene	14.053	91	296746	49.524	ug/l	99
90) Hexachloroethane	14.329	117	70387	50.117	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	189612	46.583	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	28656	54.228	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	95500	43.186	ug/l	99
94) Hexachlorobutadiene	15.500	225	45793	44.870	ug/l	97
95) Naphthalene	15.641	128	317581	50.424	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	95562	45.290	ug/l	97

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

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