

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022724\
 Data File : VX040492.D
 Acq On : 27 Feb 2024 16:13
 Operator : JC/MD
 Sample : P1578-02MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT161S1-20240221MS

Quant Time: Feb 28 02:04:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2024
 Supervised By :Semsettin Yesilyurt 02/28/2024

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

Internal Standards						
1) Pentafluorobenzene	5.555	168	76488	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	134505	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126465	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65504	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	67356	52.650	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.300%			
35) Dibromofluoromethane	5.391	113	47708	51.006	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.020%			
50) Toluene-d8	8.652	98	171689	50.569	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.140%			
62) 4-Bromofluorobenzene	11.079	95	67094	51.842	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.680%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	44890	47.159	ug/l	98
3) Chloromethane	1.300	50	45478	48.168	ug/l	100
4) Vinyl Chloride	1.373	62	50387	49.352	ug/l	99
5) Bromomethane	1.599	94	28033	49.408	ug/l	100
6) Chloroethane	1.678	64	31156	48.219	ug/l	93
7) Trichlorofluoromethane	1.879	101	83122	51.548	ug/l	100
8) Diethyl Ether	2.135	74	29057	51.552	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.324	101	40912	47.134	ug/l	98
10) Methyl Iodide	2.452	142	41345	46.215	ug/l	99
11) Tert butyl alcohol	2.971	59	60901	283.184	ug/l #	91
12) 1,1-Dichloroethene	2.312	96	41581	47.715	ug/l	98
13) Acrolein	2.239	56	60389	437.986	ug/l	100
14) Allyl chloride	2.660	41	74730	49.016	ug/l	94
15) Acrylonitrile	3.062	53	141159	261.670	ug/l	98
16) Acetone	2.379	43	125608	301.071	ug/l	100
17) Carbon Disulfide	2.507	76	106159	43.991	ug/l	99
18) Methyl Acetate	2.702	43	64870	50.435	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	149590	50.325	ug/l	100
20) Methylene Chloride	2.788	84	46818	46.894	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	44208	47.568	ug/l	97
22) Diisopropyl ether	3.763	45	150896	49.252	ug/l	94
23) Vinyl Acetate	3.720	43	683586	243.574	ug/l	99
24) 1,1-Dichloroethane	3.611	63	92388	51.711	ug/l	99
25) 2-Butanone	4.562	43	207668	285.692	ug/l	100
26) 2,2-Dichloropropane	4.470	77	61186	43.014	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	52609	48.387	ug/l	98
28) Bromochloromethane	4.897	49	36384	48.684	ug/l	99
29) Tetrahydrofuran	5.007	42	136040	268.274	ug/l	99
30) Chloroform	5.098	83	95078	50.137	ug/l	95
31) Cyclohexane	5.476	56	69283	47.802	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	82019	50.673	ug/l	98
36) 1,1-Dichloropropene	5.696	75	67033	46.516	ug/l	99
37) Ethyl Acetate	4.720	43	75466	47.851	ug/l	99
38) Carbon Tetrachloride	5.677	117	67603	48.560	ug/l	92
39) Methylcyclohexane	7.378	83	71301	45.828	ug/l	97
40) Benzene	6.037	78	184558	47.303	ug/l	99

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41) Methacrylonitrile	4.921	41	43016	48.829	ug/l	94
42) 1,2-Dichloroethane	6.086	62	81522	50.484	ug/l	98
43) Isopropyl Acetate	6.342	43	118863	48.032	ug/l	98
44) Trichloroethene	7.122	130	49447	47.125	ug/l	100
45) 1,2-Dichloropropane	7.433	63	48723	46.662	ug/l	98
46) Dibromomethane	7.586	93	36906	48.075	ug/l	98
47) Bromodichloromethane	7.823	83	74460	49.262	ug/l	99
48) Methyl methacrylate	7.695	41	65475	52.935	ug/l	95
49) 1,4-Dioxane	7.659	88	25457	1087.994	ug/l #	98
51) 4-Methyl-2-Pentanone	8.573	43	428774	262.061	ug/l	98
52) Toluene	8.720	92	116956	48.845	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	73656	48.017	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	76651	46.488	ug/l	99
55) 1,1,2-Trichloroethane	9.152	97	50181	50.500	ug/l	90
56) Ethyl methacrylate	9.116	69	78191	50.893	ug/l #	93
57) 1,3-Dichloropropane	9.311	76	84986	49.103	ug/l	99
59) 2-Hexanone	9.433	43	337795	268.529	ug/l	97
60) Dibromochloromethane	9.524	129	53634	49.693	ug/l	99
61) 1,2-Dibromoethane	9.610	107	53393	49.241	ug/l	100
64) Tetrachloroethene	9.274	164	42726	48.123	ug/l	98
65) Chlorobenzene	10.079	112	126881	47.169	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.164	131	46232	48.769	ug/l	98
67) Ethyl Benzene	10.195	91	237520	48.237	ug/l	99
68) m/p-Xylenes	10.299	106	173407	94.308	ug/l	93
69) o-Xylene	10.640	106	85350	48.533	ug/l	95
70) Styrene	10.658	104	142950	48.760	ug/l	98
71) Bromoform	10.798	173	39191	50.504	ug/l #	99
73) Isopropylbenzene	10.963	105	230761	47.835	ug/l	99
74) N-amyl acetate	10.841	43	104584	46.679	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	82793	47.456	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	67570m	46.870	ug/l	
77) Bromobenzene	11.201	156	54373	47.668	ug/l	98
78) n-propylbenzene	11.304	91	278310	46.511	ug/l	97
79) 2-Chlorotoluene	11.365	91	165230	45.870	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	195553	47.665	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	21557	45.501	ug/l	99
82) 4-Chlorotoluene	11.457	91	192504	46.214	ug/l	99
83) tert-Butylbenzene	11.713	119	190142	49.159	ug/l	99
84) 1,2,4-Trimethylbenzene	11.749	105	195750	48.089	ug/l	100
85) sec-Butylbenzene	11.890	105	242235	47.671	ug/l	99
86) p-Isopropyltoluene	12.012	119	196600	46.938	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	102530	45.095	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	104516	45.156	ug/l	100
89) n-Butylbenzene	12.335	91	188573	45.761	ug/l	96
90) Hexachloroethane	12.536	117	33353	47.845	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	100696	46.475	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	21179	52.072	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	65531	46.344	ug/l	98
94) Hexachlorobutadiene	13.725	225	24805	42.923	ug/l	99
95) Naphthalene	13.774	128	221616	49.044	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	64583	48.048	ug/l	100

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

