

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022924\
 Data File : VX040541.D
 Acq On : 29 Feb 2024 16:45
 Operator : JC/MD
 Sample : P1615-08MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D1-20240226MS

Quant Time: Mar 01 03:50:00 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 03/01/2024
 Supervised By :Semsettin Yesilyurt 03/01/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	85148	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	143450	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	127214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68180	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70720	49.658	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.320%		
35) Dibromofluoromethane	5.385	113	48605	48.725	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.440%		
50) Toluene-d8	8.647	98	173771	47.990	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.980%		
62) 4-Bromofluorobenzene	11.079	95	64759	46.917	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.840%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	46884	44.245	ug/l	93
3) Chloromethane	1.294	50	45384	43.180	ug/l	98
4) Vinyl Chloride	1.374	62	49867	43.875	ug/l	100
5) Bromomethane	1.599	94	33084	52.379	ug/l	98
6) Chloroethane	1.685	64	30959	43.041	ug/l	96
7) Trichlorofluoromethane	1.886	101	74658	41.590	ug/l	98
8) Diethyl Ether	2.130	74	25047	39.918	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	49120	50.835	ug/l	99
10) Methyl Iodide	2.453	142	46575	46.717	ug/l	98
11) Tert butyl alcohol	2.959	59	53730	224.429	ug/l #	89
12) 1,1-Dichloroethene	2.319	96	41271	42.542	ug/l	99
13) Acrolein	2.233	56	41517	270.488	ug/l	100
14) Allyl chloride	2.660	41	74730	44.031	ug/l	93
15) Acrylonitrile	3.062	53	132220	220.172	ug/l	98
16) Acetone	2.380	43	117514	253.023	ug/l	98
17) Carbon Disulfide	2.514	76	101815	37.900	ug/l	99
18) Methyl Acetate	2.703	43	65094	45.462	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	151741	45.857	ug/l	100
20) Methylene Chloride	2.788	84	46909	42.206	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	43791	42.327	ug/l	93
22) Diisopropyl ether	3.757	45	150797	44.214	ug/l	95
23) Vinyl Acetate	3.721	43	699088	223.763	ug/l	100
24) 1,1-Dichloroethane	3.605	63	88274	44.384	ug/l	98
25) 2-Butanone	4.550	43	191193	236.276	ug/l	96
26) 2,2-Dichloropropane	4.477	77	66811	42.191	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	53678	44.349	ug/l	98
28) Bromochloromethane	4.897	49	35349	42.489	ug/l	99
29) Tetrahydrofuran	5.001	42	123773	219.259	ug/l	97
30) Chloroform	5.092	83	96841	45.873	ug/l	96
31) Cyclohexane	5.470	56	68057	42.180	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	84566	46.933	ug/l	98
36) 1,1-Dichloropropene	5.690	75	67399	43.854	ug/l	98
37) Ethyl Acetate	4.714	43	73874	43.920	ug/l	99
38) Carbon Tetrachloride	5.678	117	69325	46.692	ug/l	96
39) Methylcyclohexane	7.379	83	71454	43.062	ug/l	94
40) Benzene	6.037	78	182013	43.742	ug/l	99

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41) Methacrylonitrile	4.916	41	43282	46.068	ug/l	97
42) 1,2-Dichloroethane	6.086	62	84484	49.056	ug/l	97
43) Isopropyl Acetate	6.336	43	120517	45.664	ug/l	98
44) Trichloroethene	7.129	130	82277	73.524	ug/l	98
45) 1,2-Dichloropropane	7.427	63	49141	44.127	ug/l	91
46) Dibromomethane	7.580	93	38629	47.182	ug/l	98
47) Bromodichloromethane	7.818	83	75572	46.880	ug/l	99
48) Methyl methacrylate	7.690	41	63922	48.457	ug/l	94
49) 1,4-Dioxane	7.653	88	23187	929.184	ug/l #	97
51) 4-Methyl-2-Pentanone	8.574	43	419577	240.449	ug/l	97
52) Toluene	8.720	92	120654	47.247	ug/l	92
53) t-1,3-Dichloropropene	8.976	75	77386	47.303	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	77288	43.951	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	50589	47.736	ug/l	93
56) Ethyl methacrylate	9.116	69	79779	48.689	ug/l	94
57) 1,3-Dichloropropane	9.305	76	80635	43.684	ug/l	100
59) 2-Hexanone	9.427	43	298509	222.502	ug/l	96
60) Dibromochloromethane	9.518	129	51373	44.630	ug/l	99
61) 1,2-Dibromoethane	9.610	107	48652	42.071	ug/l	99
64) Tetrachloroethene	9.275	164	39616	44.357	ug/l	98
65) Chlorobenzene	10.079	112	121821	45.021	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	47105	49.397	ug/l	98
67) Ethyl Benzene	10.195	91	230128	46.461	ug/l	99
68) m/p-Xylenes	10.299	106	170641	92.257	ug/l	93
69) o-Xylene	10.640	106	83434	47.164	ug/l	95
70) Styrene	10.652	104	140243	47.555	ug/l	98
71) Bromoform	10.799	173	37824	48.456	ug/l #	98
73) Isopropylbenzene	10.963	105	224315	44.674	ug/l	100
74) N-amyl acetate	10.841	43	104516	44.818	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	80294	44.218	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	66900m	44.584	ug/l	
77) Bromobenzene	11.195	156	52360	44.101	ug/l	98
78) n-propylbenzene	11.305	91	276711	44.429	ug/l	97
79) 2-Chlorotoluene	11.366	91	163366	43.572	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	191245	44.785	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	20424	41.739	ug/l	95
82) 4-Chlorotoluene	11.451	91	192812	44.471	ug/l	98
83) tert-Butylbenzene	11.713	119	184859	45.917	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	192692	45.480	ug/l	100
85) sec-Butylbenzene	11.890	105	240675	45.505	ug/l	98
86) p-Isopropyltoluene	12.006	119	196264	45.019	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	102153	43.165	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	102471	42.535	ug/l	100
89) n-Butylbenzene	12.329	91	186008	43.367	ug/l	96
90) Hexachloroethane	12.536	117	33810	46.597	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	99072	43.931	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20099	47.477	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	65780	44.694	ug/l	98
94) Hexachlorobutadiene	13.725	225	25904	43.065	ug/l	96
95) Naphthalene	13.774	128	217553	46.256	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	64451	46.067	ug/l	98

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

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