

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081524\
 Data File : VX043048.D
 Acq On : 15 Aug 2024 09:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 16 01:34:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081424W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 04:22:11 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/16/2024
 Supervised By :Semsettin Yesilyurt 08/16/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	127518	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	227199	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	201240	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	99117	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81680	48.747	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.500%		
35) Dibromofluoromethane	5.379	113	71196	50.654	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.300%		
50) Toluene-d8	8.647	98	271184	49.982	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.960%		
62) 4-Bromofluorobenzene	11.079	95	98648	50.143	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.280%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	64995	50.413	ug/l	99
3) Chloromethane	1.295	50	90632	47.490	ug/l	99
4) Vinyl Chloride	1.374	62	92443	48.226	ug/l	98
5) Bromomethane	1.599	94	31910	54.938	ug/l	100
6) Chloroethane	1.666	64	31249	51.724	ug/l	98
7) Trichlorofluoromethane	1.868	101	104685	52.231	ug/l	100
8) Diethyl Ether	2.136	74	48372	52.171	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.313	101	68268	47.629	ug/l	98
10) Methyl Iodide	2.441	142	78431	48.145	ug/l #	87
11) Tert butyl alcohol	2.995	59	102698	237.552	ug/l #	93
12) 1,1-Dichloroethene	2.307	96	71738	46.641	ug/l	86
13) Acrolein	2.240	56	88014	201.380	ug/l	96
14) Allyl chloride	2.654	41	130151	45.148	ug/l	90
15) Acrylonitrile	3.069	53	243021	226.956	ug/l	98
16) Acetone	2.392	43	239664	288.382	ug/l #	88
17) Carbon Disulfide	2.502	76	201969	45.789	ug/l	99
18) Methyl Acetate	2.709	43	123146	44.840	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	242756	46.830	ug/l	97
20) Methylene Chloride	2.782	84	81621	42.471	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	73633	45.904	ug/l	87
22) Diisopropyl ether	3.764	45	272564	46.302	ug/l	90
23) Vinyl Acetate	3.721	43	1626258	236.971	ug/l	97
24) 1,1-Dichloroethane	3.605	63	138757	46.736	ug/l	98
25) 2-Butanone	4.562	43	352001	241.615	ug/l	96
26) 2,2-Dichloropropane	4.471	77	115933	49.016	ug/l	94
27) cis-1,2-Dichloroethene	4.483	96	89719	46.338	ug/l	91
28) Bromochloromethane	4.898	49	59863	44.569	ug/l	96
29) Tetrahydrofuran	5.007	42	223983	221.819	ug/l	99
30) Chloroform	5.087	83	133127	46.678	ug/l	99
31) Cyclohexane	5.458	56	124862	44.715	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	112721	47.344	ug/l	99
36) 1,1-Dichloropropene	5.684	75	93981	48.130	ug/l	97
37) Ethyl Acetate	4.715	43	132132	48.036	ug/l	99
38) Carbon Tetrachloride	5.672	117	96202	48.724	ug/l	98
39) Methylcyclohexane	7.373	83	131045	48.475	ug/l	94
40) Benzene	6.032	78	317585	47.741	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	70035	48.310	ug/l	94
42) 1,2-Dichloroethane	6.080	62	96129	49.679	ug/l	92
43) Isopropyl Acetate	6.342	43	207931	46.852	ug/l	97
44) Trichloroethene	7.123	130	75169	49.899	ug/l	92
45) 1,2-Dichloropropane	7.428	63	78905	48.198	ug/l	97
46) Dibromomethane	7.574	93	53106	47.444	ug/l	94
47) Bromodichloromethane	7.818	83	106302	48.912	ug/l	98
48) Methyl methacrylate	7.690	41	98082	46.386	ug/l	91
49) 1,4-Dioxane	7.665	88	40066	924.561	ug/l #	95
51) 4-Methyl-2-Pentanone	8.574	43	675205	239.394	ug/l	99
52) Toluene	8.714	92	195655	48.690	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	115625	48.718	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	127093	48.688	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	76021	48.164	ug/l	95
56) Ethyl methacrylate	9.116	69	138423	48.431	ug/l	95
57) 1,3-Dichloropropane	9.305	76	128821	48.159	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	322347	240.340	ug/l	100
59) 2-Hexanone	9.433	43	539860	249.082	ug/l	95
60) Dibromochloromethane	9.519	129	83701	50.292	ug/l	99
61) 1,2-Dibromoethane	9.610	107	78665	49.422	ug/l	99
64) Tetrachloroethene	9.269	164	63030	48.531	ug/l	98
65) Chlorobenzene	10.080	112	210037	48.378	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	71246	48.700	ug/l	97
67) Ethyl Benzene	10.189	91	365645	48.464	ug/l	100
68) m/p-Xylenes	10.299	106	286747	98.837	ug/l	94
69) o-Xylene	10.640	106	141895	48.685	ug/l	94
70) Styrene	10.653	104	245189	50.176	ug/l	95
71) Bromoform	10.799	173	59949	49.341	ug/l #	99
73) Isopropylbenzene	10.957	105	356002	47.086	ug/l	97
74) N-amyl acetate	10.842	43	197787	45.928	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	128897	44.289	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	103935m	45.754	ug/l	
77) Bromobenzene	11.195	156	86005	47.349	ug/l	94
78) n-propylbenzene	11.305	91	418284	48.544	ug/l	99
79) 2-Chlorotoluene	11.360	91	248586	46.354	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	297408	47.750	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	48717	46.779	ug/l #	79
82) 4-Chlorotoluene	11.451	91	285655	47.800	ug/l	96
83) tert-Butylbenzene	11.713	119	304417	47.224	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	302153	48.085	ug/l	93
85) sec-Butylbenzene	11.890	105	384282	49.108	ug/l	99
86) p-Isopropyltoluene	12.006	119	322918	50.510	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	161972	49.593	ug/l	97
88) 1,4-Dichlorobenzene	12.037	146	162513	48.632	ug/l	98
89) n-Butylbenzene	12.329	91	286497	51.767	ug/l	99
90) Hexachloroethane	12.536	117	61089	47.575	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	161271	48.974	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	26867	47.189	ug/l	78
93) 1,2,4-Trichlorobenzene	13.585	180	95886	51.733	ug/l	98
94) Hexachlorobutadiene	13.725	225	36890	53.336	ug/l	97
95) Naphthalene	13.774	128	356549	48.708	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	97461	51.410	ug/l	99

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

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