

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082324\
 Data File : VX043093.D
 Acq On : 23 Aug 2024 08:27
 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 24 00:44:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082224W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 08:42:59 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/26/2024
 Supervised By :Mahesh Dadoda 08/27/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	373002	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	670210	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	579176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	286240	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	279711	45.620	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.240%		
35) Dibromofluoromethane	5.379	113	217573	47.050	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.100%		
50) Toluene-d8	8.647	98	812695	48.736	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.480%		
62) 4-Bromofluorobenzene	11.079	95	289023	49.797	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	154929	46.421	ug/l	100
3) Chloromethane	1.294	50	229082	45.791	ug/l	99
4) Vinyl Chloride	1.373	62	243924	46.050	ug/l	98
5) Bromomethane	1.599	94	155081	49.112	ug/l	100
6) Chloroethane	1.666	64	116934	41.488	ug/l	98
7) Trichlorofluoromethane	1.867	101	408568	45.638	ug/l	99
8) Diethyl Ether	2.136	74	170286	43.990	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.318	101	205669	47.140	ug/l	98
10) Methyl Iodide	2.440	142	221419	47.907	ug/l	92
11) Tert butyl alcohol	2.995	59	287137	226.094	ug/l #	92
12) 1,1-Dichloroethene	2.312	96	200694	45.788	ug/l	91
13) Acrolein	2.239	56	117256	217.658	ug/l	100
14) Allyl chloride	2.660	41	366176	47.088	ug/l #	96
15) Acrylonitrile	3.068	53	662794	222.321	ug/l	99
16) Acetone	2.385	43	711992	264.609	ug/l	92
17) Carbon Disulfide	2.501	76	514986	45.587	ug/l	100
18) Methyl Acetate	2.702	43	389733	45.632	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	761713	46.179	ug/l	99
20) Methylene Chloride	2.782	84	233601	44.825	ug/l	98
21) trans-1,2-Dichloroethene	3.080	96	207665	46.097	ug/l	96
22) Diisopropyl ether	3.757	45	796282	46.726	ug/l	96
23) Vinyl Acetate	3.721	43	4535498	237.578	ug/l	96
24) 1,1-Dichloroethane	3.605	63	416896	45.909	ug/l	100
25) 2-Butanone	4.562	43	975820	238.087	ug/l	94
26) 2,2-Dichloropropane	4.464	77	372326	48.423	ug/l	98
27) cis-1,2-Dichloroethene	4.477	96	262585	46.591	ug/l	95
28) Bromochloromethane	4.891	49	181158	43.745	ug/l	98
29) Tetrahydrofuran	5.007	42	609953	224.576	ug/l	97
30) Chloroform	5.086	83	427611	46.851	ug/l	96
31) Cyclohexane	5.458	56	350542	45.861	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	365516	47.283	ug/l	99
36) 1,1-Dichloropropene	5.684	75	288789	49.294	ug/l	100
37) Ethyl Acetate	4.714	43	372795	44.828	ug/l	99
38) Carbon Tetrachloride	5.671	117	302291	49.382	ug/l	100
39) Methylcyclohexane	7.372	83	372193	48.161	ug/l	94
40) Benzene	6.031	78	911971	47.831	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	195393	46.870	ug/l	93
42) 1,2-Dichloroethane	6.080	62	328704	48.079	ug/l	97
43) Isopropyl Acetate	6.336	43	610505	46.599	ug/l	99
44) Trichloroethene	7.116	130	213107	49.040	ug/l	92
45) 1,2-Dichloropropane	7.427	63	235031	48.897	ug/l	100
46) Dibromomethane	7.574	93	166712	47.355	ug/l	99
47) Bromodichloromethane	7.817	83	338080	48.636	ug/l	98
48) Methyl methacrylate	7.689	41	277801	47.858	ug/l	90
49) 1,4-Dioxane	7.665	88	112361	960.341	ug/l #	89
51) 4-Methyl-2-Pentanone	8.573	43	1864926	236.877	ug/l	99
52) Toluene	8.714	92	577378	49.998	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	360373	51.057	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	382008	49.262	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	224691	48.112	ug/l	95
56) Ethyl methacrylate	9.116	69	394320	48.965	ug/l	96
57) 1,3-Dichloropropane	9.305	76	391032	47.978	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	926474	240.879	ug/l	98
59) 2-Hexanone	9.433	43	1476422	243.958	ug/l	97
60) Dibromochloromethane	9.518	129	260099	50.495	ug/l	100
61) 1,2-Dibromoethane	9.610	107	233320	50.405	ug/l	100
64) Tetrachloroethene	9.268	164	184580	48.504	ug/l	97
65) Chlorobenzene	10.079	112	612302	48.224	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.158	131	213570	48.883	ug/l	99
67) Ethyl Benzene	10.189	91	1099729	50.375	ug/l	99
68) m/p-Xylenes	10.299	106	835046	100.491	ug/l	97
69) o-Xylene	10.640	106	415284	49.225	ug/l	97
70) Styrene	10.652	104	698840	50.671	ug/l	98
71) Bromoform	10.799	173	179312	49.707	ug/l #	100
73) Isopropylbenzene	10.963	105	1059715	47.413	ug/l	98
74) N-amyl acetate	10.841	43	551113	46.443	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	364763	43.925	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	304224m	45.639	ug/l	
77) Bromobenzene	11.195	156	240525	47.546	ug/l	97
78) n-propylbenzene	11.305	91	1240121	49.310	ug/l	100
79) 2-Chlorotoluene	11.366	91	737761	46.788	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	879967	48.383	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	133924	46.568	ug/l	87
82) 4-Chlorotoluene	11.451	91	854220	48.506	ug/l	99
83) tert-Butylbenzene	11.713	119	894895	47.266	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	891466	48.917	ug/l	96
85) sec-Butylbenzene	11.890	105	1139226	49.754	ug/l	99
86) p-Isopropyltoluene	12.006	119	938472	50.483	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	467062	48.988	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	469315	48.980	ug/l	99
89) n-Butylbenzene	12.329	91	853950	52.109	ug/l	99
90) Hexachloroethane	12.536	117	184623	47.827	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	460879	48.052	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.938	75	83274	46.104	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	272371	52.227	ug/l	96
94) Hexachlorobutadiene	13.725	225	103435	50.920	ug/l	99
95) Naphthalene	13.774	128	974951	47.809	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	266844	48.743	ug/l	97

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

