

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102924\
 Data File : VX043608.D
 Acq On : 29 Oct 2024 19:29
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/30/2024
 Supervised By :Mahesh Dadoda 10/30/2024

Quant Time: Oct 30 01:38:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 28 13:41:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	145188	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	265353	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	236719	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	114048	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	110394	47.685	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.380%		
35) Dibromofluoromethane	5.385	113	91660	50.941	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.880%		
50) Toluene-d8	8.647	98	319178	51.243	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.480%		
62) 4-Bromofluorobenzene	11.079	95	118664	51.413	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	102.820%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	70689	45.527	ug/l	92
3) Chloromethane	1.294	50	91420	46.060	ug/l	99
4) Vinyl Chloride	1.374	62	90322	49.033	ug/l	95
5) Bromomethane	1.593	94	37321	49.698	ug/l	99
6) Chloroethane	1.660	64	31987	49.288	ug/l	96
7) Trichlorofluoromethane	1.867	101	114302	50.793	ug/l	98
8) Diethyl Ether	2.136	74	54976	52.875	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.312	101	75661	49.715	ug/l	97
10) Methyl Iodide	2.440	142	113402	51.575	ug/l	98
11) Tert butyl alcohol	3.014	59	114007	263.841	ug/l #	100
12) 1,1-Dichloroethene	2.306	96	78253	50.316	ug/l	93
13) Acrolein	2.239	56	83603	247.404	ug/l	99
14) Allyl chloride	2.654	41	133149	49.498	ug/l	95
15) Acrylonitrile	3.068	53	256153	262.562	ug/l	100
16) Acetone	2.392	43	213222	231.934	ug/l	100
17) Carbon Disulfide	2.501	76	147050	45.217	ug/l	98
18) Methyl Acetate	2.703	43	131374	48.896	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	306719	51.858	ug/l	98
20) Methylene Chloride	2.782	84	97958	49.441	ug/l	95
21) trans-1,2-Dichloroethene	3.081	96	83879	51.050	ug/l	98
22) Diisopropyl ether	3.763	45	283296	50.951	ug/l	94
23) Vinyl Acetate	3.721	43	1217460	265.039	ug/l	98
24) 1,1-Dichloroethane	3.599	63	159722	49.980	ug/l	98
25) 2-Butanone	4.562	43	335610	250.264	ug/l	99
26) 2,2-Dichloropropane	4.471	77	114810	43.890	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	111180	52.971	ug/l	95
28) Bromochloromethane	4.897	49	75498	49.662	ug/l	93
29) Tetrahydrofuran	5.007	42	218511	250.734	ug/l	97
30) Chloroform	5.086	83	166347	49.656	ug/l	99
31) Cyclohexane	5.464	56	121093	49.541	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	138292	49.171	ug/l	98
36) 1,1-Dichloropropene	5.684	75	103282	48.407	ug/l	97
37) Ethyl Acetate	4.714	43	131589	50.801	ug/l	98
38) Carbon Tetrachloride	5.672	117	111743	47.400	ug/l	96
39) Methylcyclohexane	7.372	83	132174	49.896	ug/l	98
40) Benzene	6.031	78	362305	50.901	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	71898	52.879	ug/l	97
42) 1,2-Dichloroethane	6.086	62	127532	49.839	ug/l	97
43) Isopropyl Acetate	6.342	43	215773	50.370	ug/l	98
44) Trichloroethene	7.123	130	88486	50.041	ug/l	100
45) 1,2-Dichloropropane	7.427	63	91657	52.297	ug/l	98
46) Dibromomethane	7.580	93	69649	51.612	ug/l	97
47) Bromodichloromethane	7.818	83	122263	51.646	ug/l	98
48) Methyl methacrylate	7.696	41	104902	51.651	ug/l	95
49) 1,4-Dioxane	7.665	88	44859	1075.073	ug/l	96
51) 4-Methyl-2-Pentanone	8.573	43	676072	258.941	ug/l	99
52) Toluene	8.714	92	226884	52.560	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	130475	51.314	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	143839	53.094	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	96667	53.799	ug/l	98
56) Ethyl methacrylate	9.116	69	156001	53.432	ug/l	94
57) 1,3-Dichloropropane	9.305	76	160202	53.607	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	373123	263.875	ug/l	97
59) 2-Hexanone	9.433	43	504664	254.496	ug/l	97
60) Dibromochloromethane	9.518	129	96120	54.022	ug/l	100
61) 1,2-Dibromoethane	9.610	107	99141	53.153	ug/l	99
64) Tetrachloroethene	9.275	164	74378	49.957	ug/l	93
65) Chlorobenzene	10.079	112	257636	50.588	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	86886	52.231	ug/l	98
67) Ethyl Benzene	10.195	91	414752	49.943	ug/l	99
68) m/p-Xylenes	10.299	106	323840	101.972	ug/l	95
69) o-Xylene	10.640	106	164652	51.602	ug/l	96
70) Styrene	10.652	104	281569	53.092	ug/l	99
71) Bromoform	10.799	173	61359	51.301	ug/l #	96
73) Isopropylbenzene	10.963	105	399550	49.457	ug/l	99
74) N-amyl acetate	10.841	43	193011	49.043	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	145515	50.090	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	117730m	48.280	ug/l	
77) Bromobenzene	11.195	156	107968	51.757	ug/l	97
78) n-propylbenzene	11.305	91	440854	50.049	ug/l	98
79) 2-Chlorotoluene	11.366	91	287184	49.168	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	338143	50.200	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	43435	49.002	ug/l	92
82) 4-Chlorotoluene	11.451	91	327663	49.980	ug/l	97
83) tert-Butylbenzene	11.713	119	339813	49.604	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	351886	51.260	ug/l	99
85) sec-Butylbenzene	11.890	105	406636	50.641	ug/l	99
86) p-Isopropyltoluene	12.006	119	343316	50.299	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	190820	51.035	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	191784	49.502	ug/l	99
89) n-Butylbenzene	12.329	91	285567	51.345	ug/l	99
90) Hexachloroethane	12.536	117	55820	50.348	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	196688	51.444	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	28312	47.806	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	124057	53.456	ug/l	99
94) Hexachlorobutadiene	13.725	225	41269	48.231	ug/l	97
95) Naphthalene	13.774	128	470706	53.003	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	126642	51.757	ug/l	98

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

