

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102624\
 Data File : VX043538.D
 Acq On : 25 Oct 2024 23:48
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2024
 Supervised By :Mahesh Dadoda 10/28/2024

Quant Time: Oct 26 04:24:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102624W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 26 04:20:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	128707	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	237190	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204104	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93634	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	107012	52.414	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.820%			
35) Dibromofluoromethane	5.385	113	81975	51.903	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.800%			
50) Toluene-d8	8.647	98	277535	50.679	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.360%			
62) 4-Bromofluorobenzene	11.079	95	102766	51.377	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.760%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	66996	46.698	ug/l	100
3) Chloromethane	1.294	50	86875	47.465	ug/l	100
4) Vinyl Chloride	1.374	62	83482	50.073	ug/l	100
5) Bromomethane	1.593	94	31574	48.488	ug/l	100
6) Chloroethane	1.660	64	26453	48.491	ug/l	100
7) Trichlorofluoromethane	1.855	101	106547	48.695	ug/l	100
8) Diethyl Ether	2.136	74	49226	51.506	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.312	101	66777	48.350	ug/l	100
10) Methyl Iodide	2.440	142	98805	51.661	ug/l	100
11) Tert butyl alcohol	3.050	59	113656	260.638	ug/l #	100
12) 1,1-Dichloroethene	2.300	96	68394	50.369	ug/l	100
13) Acrolein	2.239	56	85338	248.350	ug/l	100
14) Allyl chloride	2.654	41	123812	51.384	ug/l	100
15) Acrylonitrile	3.074	53	252849	261.755	ug/l	100
16) Acetone	2.398	43	217375	249.427	ug/l	100
17) Carbon Disulfide	2.495	76	138020	49.106	ug/l	100
18) Methyl Acetate	2.709	43	132240	50.489	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	276760	52.384	ug/l	100
20) Methylene Chloride	2.782	84	86232	50.631	ug/l	100
21) trans-1,2-Dichloroethene	3.081	96	72816	49.532	ug/l	100
22) Diisopropyl ether	3.763	45	262294	52.742	ug/l	100
23) Vinyl Acetate	3.721	43	1131404	275.385	ug/l	100
24) 1,1-Dichloroethane	3.599	63	145602	51.905	ug/l	100
25) 2-Butanone	4.568	43	344843	260.526	ug/l	100
26) 2,2-Dichloropropane	4.471	77	101954	50.428	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	94151	51.403	ug/l	100
28) Bromochloromethane	4.897	49	69077	49.776	ug/l	100
29) Tetrahydrofuran	5.013	42	222922	257.931	ug/l	100
30) Chloroform	5.092	83	153468	51.159	ug/l	100
31) Cyclohexane	5.458	56	108140	48.588	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	129477	51.361	ug/l	100
36) 1,1-Dichloropropene	5.684	75	91877	49.152	ug/l	100
37) Ethyl Acetate	4.721	43	136175	53.378	ug/l	100
38) Carbon Tetrachloride	5.672	117	102041	48.041	ug/l	100
39) Methylcyclohexane	7.372	83	114520	47.773	ug/l	100
40) Benzene	6.031	78	314878	50.392	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	71722	55.892	ug/l	100
42) 1,2-Dichloroethane	6.086	62	120236	52.310	ug/l	100
43) Isopropyl Acetate	6.342	43	210504	52.162	ug/l	100
44) Trichloroethene	7.123	130	76820	51.854	ug/l	100
45) 1,2-Dichloropropane	7.427	63	80176	52.543	ug/l	100
46) Dibromomethane	7.580	93	62535	53.349	ug/l	100
47) Bromodichloromethane	7.824	83	109796	52.799	ug/l	100
48) Methyl methacrylate	7.696	41	102835	54.582	ug/l	100
49) 1,4-Dioxane	7.671	88	50665	1046.683	ug/l	100
51) 4-Methyl-2-Pentanone	8.580	43	673651	263.452	ug/l	100
52) Toluene	8.714	92	194255	50.424	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	113710	54.033	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	125137	54.147	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	83831	51.565	ug/l	100
56) Ethyl methacrylate	9.116	69	140120	53.332	ug/l	100
57) 1,3-Dichloropropane	9.305	76	138344	51.539	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	360455	278.909	ug/l	100
59) 2-Hexanone	9.433	43	516234	267.000	ug/l	100
60) Dibromochloromethane	9.518	129	83562	54.932	ug/l	100
61) 1,2-Dibromoethane	9.610	107	86448	52.749	ug/l	100
64) Tetrachloroethene	9.268	164	62030	48.549	ug/l	100
65) Chlorobenzene	10.079	112	214725	50.572	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	73975	51.583	ug/l	100
67) Ethyl Benzene	10.195	91	352677	49.931	ug/l	100
68) m/p-Xylenes	10.299	106	271309	101.385	ug/l	100
69) o-Xylene	10.640	106	138677	50.412	ug/l	100
70) Styrene	10.652	104	234994	52.781	ug/l	100
71) Bromoform	10.799	173	53941	46.928	ug/l #	100
73) Isopropylbenzene	10.963	105	336498	50.278	ug/l	100
74) N-amyl acetate	10.841	43	182955	54.271	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	132434	51.654	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	109268m	50.198	ug/l	100
77) Bromobenzene	11.195	156	88545	51.824	ug/l	100
78) n-propylbenzene	11.305	91	370634	51.962	ug/l	100
79) 2-Chlorotoluene	11.366	91	239053	49.949	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	285385	51.357	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	38492	48.734	ug/l	100
82) 4-Chlorotoluene	11.451	91	272280	51.408	ug/l	100
83) tert-Butylbenzene	11.713	119	285578	50.394	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	288674	50.792	ug/l	100
85) sec-Butylbenzene	11.890	105	335414	51.105	ug/l	100
86) p-Isopropyltoluene	12.006	119	281602	51.789	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	152106	49.615	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	151584	49.050	ug/l	100
89) n-Butylbenzene	12.329	91	232353	52.710	ug/l	100
90) Hexachloroethane	12.536	117	45690	51.942	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	160310	50.712	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	29033	53.220	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	95823	51.765	ug/l	100
94) Hexachlorobutadiene	13.725	225	33497	51.131	ug/l	100
95) Naphthalene	13.774	128	407537	53.652	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	101636	52.477	ug/l	100

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

