

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
 Data File : VX044107.D
 Acq On : 03 Dec 2024 20:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/04/2024
 Supervised By : Mahesh Dadoda 12/04/2024

Quant Time: Dec 04 00:17:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	109868	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.756	114	214840	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	184490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	87967	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	97676	51.833	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.660%
35) Dibromofluoromethane	5.379	113	70109	45.669	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.340%
50) Toluene-d8	8.646	98	236548	44.701	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.400%
62) 4-Bromofluorobenzene	11.079	95	87932	48.826	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.660%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	60573	43.520	ug/l	96
3) Chloromethane	1.294	50	64419	43.982	ug/l	100
4) Vinyl Chloride	1.373	62	72568	46.581	ug/l	95
5) Bromomethane	1.593	94	50815	53.022	ug/l	99
6) Chloroethane	1.666	64	46830	49.333	ug/l	99
7) Trichlorofluoromethane	1.867	101	137303	49.296	ug/l	99
8) Diethyl Ether	2.135	74	53976	53.170	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.318	101	64558	48.592	ug/l	96
10) Methyl Iodide	2.440	142	84951	51.197	ug/l	96
11) Tert butyl alcohol	2.995	59	78452	259.374	ug/l	96
12) 1,1-Dichloroethene	2.306	96	61759	48.783	ug/l	96
13) Acrolein	2.233	56	97260	305.070	ug/l	96
14) Allyl chloride	2.654	41	113204	54.724	ug/l	97
15) Acrylonitrile	3.062	53	200820	272.449	ug/l	98
16) Acetone	2.385	43	196079	226.550	ug/l	97
17) Carbon Disulfide	2.501	76	102489	39.246	ug/l	99
18) Methyl Acetate	2.702	43	119415	59.247	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	265617	57.783	ug/l	98
20) Methylene Chloride	2.782	84	73542	50.071	ug/l	98
21) trans-1,2-Dichloroethene	3.086	96	64297	49.192	ug/l	96
22) Diisopropyl ether	3.763	45	253922	57.404	ug/l	96
23) Vinyl Acetate	3.720	43	1065753	281.651	ug/l	100
24) 1,1-Dichloroethane	3.605	63	138664	54.339	ug/l	99
25) 2-Butanone	4.562	43	298003	266.844	ug/l	99
26) 2,2-Dichloropropane	4.470	77	116236	50.437	ug/l	99
27) cis-1,2-Dichloroethene	4.482	96	84885	52.539	ug/l	98
28) Bromochloromethane	4.897	49	58309	51.911	ug/l	99
29) Tetrahydrofuran	5.007	42	187088	273.261	ug/l	99
30) Chloroform	5.086	83	153414	55.897	ug/l	100
31) Cyclohexane	5.458	56	96071	45.743	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	130890	55.302	ug/l	100
36) 1,1-Dichloropropene	5.683	75	89251	46.656	ug/l	98
37) Ethyl Acetate	4.714	43	121488	51.161	ug/l	97
38) Carbon Tetrachloride	5.671	117	100912	46.947	ug/l	99
39) Methylcyclohexane	7.378	83	104551	42.070	ug/l	97
40) Benzene	6.031	78	280881	47.137	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.921	41	65738	54.089	ug/l	96
42) 1,2-Dichloroethane	6.080	62	124255	51.921	ug/l	99
43) Isopropyl Acetate	6.342	43	199132	52.693	ug/l	99
44) Trichloroethene	7.122	130	70079	41.544	ug/l	93
45) 1,2-Dichloropropane	7.427	63	74576	51.099	ug/l	99
46) Dibromomethane	7.579	93	59849	51.841	ug/l	95
47) Bromodichloromethane	7.817	83	106279	51.329	ug/l	98
48) Methyl methacrylate	7.689	41	93652	51.646	ug/l	98
49) 1,4-Dioxane	7.665	88	32888	1018.165	ug/l	96
51) 4-Methyl-2-Pentanone	8.573	43	627669	272.168	ug/l	99
52) Toluene	8.713	92	173289	48.588	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	111582	52.846	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	116812	50.466	ug/l	99
55) 1,1,2-Trichloroethane	9.152	97	75088	51.003	ug/l	98
56) Ethyl methacrylate	9.116	69	125432	54.699	ug/l	99
57) 1,3-Dichloropropane	9.305	76	128343	51.750	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	313791	249.660	ug/l	99
59) 2-Hexanone	9.433	43	468792	270.449	ug/l	99
60) Dibromochloromethane	9.518	129	78726	53.296	ug/l	99
61) 1,2-Dibromoethane	9.610	107	77904	52.332	ug/l	100
64) Tetrachloroethene	9.268	164	57008	46.862	ug/l	97
65) Chlorobenzene	10.079	112	191763	47.326	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.158	131	69792	53.110	ug/l	98
67) Ethyl Benzene	10.189	91	344031	50.107	ug/l	99
68) m/p-Xylenes	10.299	106	248942	97.225	ug/l	98
69) o-Xylene	10.640	106	124184	49.675	ug/l	94
70) Styrene	10.652	104	214033	51.764	ug/l	98
71) Bromoform	10.798	173	45631	45.999	ug/l #	100
73) Isopropylbenzene	10.963	105	326988	48.357	ug/l	98
74) N-amyl acetate	10.841	43	169294	54.045	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	117237	50.635	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	96705m	50.130	ug/l	
77) Bromobenzene	11.195	156	77537	48.068	ug/l	97
78) n-propylbenzene	11.304	91	368334	48.772	ug/l	98
79) 2-Chlorotoluene	11.365	91	228741	47.899	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	274431	49.331	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	32477	45.939	ug/l	92
82) 4-Chlorotoluene	11.451	91	265214	49.192	ug/l	100
83) tert-Butylbenzene	11.713	119	271637	49.263	ug/l	99
84) 1,2,4-Trimethylbenzene	11.749	105	279591	50.481	ug/l	99
85) sec-Butylbenzene	11.890	105	324935	48.097	ug/l	100
86) p-Isopropyltoluene	12.006	119	276368	50.361	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	140865	47.948	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	143096	47.774	ug/l	97
89) n-Butylbenzene	12.329	91	241416	49.897	ug/l	100
90) Hexachloroethane	12.536	117	43099	46.187	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	142082	47.922	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	24070	51.882	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	82899	47.426	ug/l	98
94) Hexachlorobutadiene	13.725	225	30952	44.804	ug/l	98
95) Naphthalene	13.774	128	372432	59.190	ug/l	99
96) 1,2,3-Trichlorobenzene	13.956	180	87720	49.582	ug/l	96

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

