

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
 Data File : VX034892.D
 Acq On : 01 Apr 2023 00:29
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 03 02:08:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/03/2023
 Supervised By : Mahesh Dadoda 04/03/2023

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	238770	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	403837	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	367272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	198697	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	177784	48.686	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.380%		
35) Dibromofluoromethane	5.379	113	131389	49.190	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.380%		
50) Toluene-d8	8.647	98	494441	50.151	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.300%		
62) 4-Bromofluorobenzene	11.079	95	213416	55.938	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	111.880%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	114716	48.170	ug/l	100
3) Chloromethane	1.295	50	147621	49.509	ug/l	99
4) Vinyl Chloride	1.374	62	148136	50.176	ug/l	100
5) Bromomethane	1.618	94	92407	48.167	ug/l	97
6) Chloroethane	1.685	64	108527	56.500	ug/l	98
7) Trichlorofluoromethane	1.886	101	243292	51.260	ug/l	99
8) Diethyl Ether	2.130	74	92366	55.202	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	125353	50.531	ug/l	98
10) Methyl Iodide	2.453	142	123296	39.911	ug/l	95
11) Tert butyl alcohol	2.983	59	142816m	222.909	ug/l	
12) 1,1-Dichloroethene	2.319	96	118675	48.414	ug/l	92
13) Acrolein	2.233	56	123805	187.716	ug/l	100
14) Allyl chloride	2.660	41	228198	47.519	ug/l	95
15) Acrylonitrile	3.062	53	363226	251.862	ug/l	99
16) Acetone	2.386	43	324773	218.935	ug/l	97
17) Carbon Disulfide	2.514	76	283226	46.135	ug/l	100
18) Methyl Acetate	2.703	43	267442	50.741	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	438151	48.279	ug/l	97
20) Methylene Chloride	2.788	84	139148	47.535	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	129287	48.361	ug/l	99
22) Diisopropyl ether	3.751	45	482521	49.797	ug/l	96
23) Vinyl Acetate	3.715	43	1782100	257.879	ug/l	98
24) 1,1-Dichloroethane	3.605	63	257235	49.340	ug/l	98
25) 2-Butanone	4.550	43	515550	238.921	ug/l	100
26) 2,2-Dichloropropane	4.471	77	173547	40.478	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	152725	48.213	ug/l	99
28) Bromochloromethane	4.891	49	128487	50.381	ug/l	97
29) Tetrahydrofuran	5.001	42	342427	253.314	ug/l	98
30) Chloroform	5.087	83	262862	49.640	ug/l	99
31) Cyclohexane	5.465	56	225888	50.802	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	223397	49.437	ug/l	99
36) 1,1-Dichloropropene	5.690	75	194957	49.266	ug/l	99
37) Ethyl Acetate	4.709	43	204881	49.515	ug/l	99
38) Carbon Tetrachloride	5.672	117	185809	49.803	ug/l	97
39) Methylcyclohexane	7.373	83	208134	49.530	ug/l	97
40) Benzene	6.031	78	559011	49.210	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/03/2023
 Supervised By : Mahesh Dadoda 04/03/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	117895	52.391	ug/l	97
42) 1,2-Dichloroethane	6.080	62	221482	49.041	ug/l	99
43) Isopropyl Acetate	6.336	43	346869	50.107	ug/l	100
44) Trichloroethene	7.123	130	142594	49.174	ug/l	100
45) 1,2-Dichloropropane	7.428	63	148135	50.043	ug/l	98
46) Dibromomethane	7.580	93	99868	49.033	ug/l	99
47) Bromodichloromethane	7.818	83	188942	50.222	ug/l	99
48) Methyl methacrylate	7.690	41	174047	51.195	ug/l	96
49) 1,4-Dioxane	7.702	88	66783	953.211	ug/l	98
51) 4-Methyl-2-Pentanone	8.568	43	1071325	261.488	ug/l	98
52) Toluene	8.714	92	358156	48.356	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	206260	50.964	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	225057	50.813	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	141970	50.644	ug/l	97
56) Ethyl methacrylate	9.116	69	228008	51.913	ug/l	96
57) 1,3-Dichloropropane	9.305	76	251199	50.599	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	555767	248.513	ug/l	100
59) 2-Hexanone	9.427	43	806017	260.104	ug/l	98
60) Dibromochloromethane	9.519	129	142113	53.218	ug/l	98
61) 1,2-Dibromoethane	9.610	107	152118	52.185	ug/l	99
64) Tetrachloroethene	9.269	164	123126	46.845	ug/l	97
65) Chlorobenzene	10.080	112	380328	49.771	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	134977	51.369	ug/l	99
67) Ethyl Benzene	10.189	91	700819	50.626	ug/l	96
68) m/p-Xylenes	10.299	106	526468	99.560	ug/l	97
69) o-Xylene	10.640	106	260756	50.337	ug/l	97
70) Styrene	10.653	104	433346	52.403	ug/l	99
71) Bromoform	10.799	173	98004	54.839	ug/l #	99
73) Isopropylbenzene	10.964	105	732739	50.344	ug/l	100
74) N-amyl acetate	10.842	43	342255	52.301	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	239009	50.104	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	204453m	51.067	ug/l	
77) Bromobenzene	11.195	156	169397	46.972	ug/l	96
78) n-propylbenzene	11.305	91	862063	51.272	ug/l	99
79) 2-Chlorotoluene	11.366	91	525015	49.456	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	617488	50.742	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	60164	45.036	ug/l	86
82) 4-Chlorotoluene	11.451	91	618229	50.150	ug/l	99
83) tert-Butylbenzene	11.713	119	590955	51.714	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	632343	51.097	ug/l	98
85) sec-Butylbenzene	11.890	105	696517	50.101	ug/l	98
86) p-Isopropyltoluene	12.006	119	602216	51.950	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	326399	49.697	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	331437	48.317	ug/l	99
89) n-Butylbenzene	12.329	91	546959	54.004	ug/l	98
90) Hexachloroethane	12.536	117	98559	54.875	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	338618	51.479	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	52048	52.272	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	187149	50.305	ug/l	99
94) Hexachlorobutadiene	13.725	225	73506	44.922	ug/l	100
95) Naphthalene	13.774	128	660698	49.980	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	173389	46.216	ug/l	99

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Quant Title : SW846 8260
QLast Update : Sat Apr 01 01:50:18 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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