

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033023\
 Data File : VX034861.D
 Acq On : 30 Mar 2023 18:33
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/01/2023
 Supervised By :Mahesh Dadoda 04/03/2023

Quant Time: Apr 01 02:44:14 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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	250395	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	420326	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	383664	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	195172	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	182650	47.696	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.400%		
35) Dibromofluoromethane	5.385	113	135316	48.673	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.340%		
50) Toluene-d8	8.647	98	515004	50.188	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.380%		
62) 4-Bromofluorobenzene	11.079	95	203110	51.149	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.300%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	122292	48.967	ug/l	100
3) Chloromethane	1.294	50	155907	49.860	ug/l	100
4) Vinyl Chloride	1.373	62	155743	50.304	ug/l	97
5) Bromomethane	1.617	94	102661	51.028	ug/l	99
6) Chloroethane	1.691	64	108818	54.021	ug/l	98
7) Trichlorofluoromethane	1.886	101	257759	51.787	ug/l	98
8) Diethyl Ether	2.129	74	90307	51.465	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	129755	49.877	ug/l	98
10) Methyl Iodide	2.453	142	162509	50.162	ug/l	95
11) Tert butyl alcohol	2.983	59	153217m	228.040	ug/l	
12) 1,1-Dichloroethene	2.318	96	125479	48.814	ug/l	91
13) Acrolein	2.239	56	157246	227.351	ug/l	100
14) Allyl chloride	2.666	41	244310	48.512	ug/l	95
15) Acrylonitrile	3.062	53	379972	251.242	ug/l	99
16) Acetone	2.386	43	344409	221.393	ug/l	97
17) Carbon Disulfide	2.514	76	304511	47.299	ug/l	99
18) Methyl Acetate	2.703	43	276519	50.028	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	460582	48.394	ug/l	99
20) Methylene Chloride	2.788	84	144869	47.192	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	137158	48.924	ug/l	98
22) Diisopropyl ether	3.757	45	511152	50.303	ug/l	97
23) Vinyl Acetate	3.721	43	1880972	259.550	ug/l	97
24) 1,1-Dichloroethane	3.611	63	267937	49.007	ug/l	99
25) 2-Butanone	4.556	43	549564	242.860	ug/l	100
26) 2,2-Dichloropropane	4.477	77	208071	46.278	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	163190	49.125	ug/l	98
28) Bromochloromethane	4.897	49	130134	48.658	ug/l	98
29) Tetrahydrofuran	5.007	42	358362	252.795	ug/l	98
30) Chloroform	5.092	83	275678	49.643	ug/l	99
31) Cyclohexane	5.470	56	238829	51.219	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	236624	49.933	ug/l	98
36) 1,1-Dichloropropene	5.690	75	205774	49.960	ug/l	99
37) Ethyl Acetate	4.708	43	218822	50.809	ug/l	99
38) Carbon Tetrachloride	5.678	117	197865	50.953	ug/l	99
39) Methylcyclohexane	7.379	83	219778	50.249	ug/l	95
40) Benzene	6.037	78	590038	49.904	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	124593	53.196	ug/l	98
42) 1,2-Dichloroethane	6.086	62	232455	49.452	ug/l	99
43) Isopropyl Acetate	6.336	43	368427	51.133	ug/l	99
44) Trichloroethene	7.122	130	151450	50.180	ug/l	95
45) 1,2-Dichloropropane	7.427	63	156385	50.757	ug/l	99
46) Dibromomethane	7.580	93	104350	49.224	ug/l	100
47) Bromodichloromethane	7.817	83	203726	52.027	ug/l	96
48) Methyl methacrylate	7.689	41	183841	51.955	ug/l	96
49) 1,4-Dioxane	7.696	88	69322	950.635	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	1121711	263.046	ug/l	98
52) Toluene	8.720	92	375823	48.750	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	224253	53.236	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	239744	52.006	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	150563	51.603	ug/l	99
56) Ethyl methacrylate	9.116	69	241465	52.820	ug/l	96
57) 1,3-Dichloropropane	9.305	76	266016	51.481	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	587915	252.575	ug/l	99
59) 2-Hexanone	9.427	43	849616	263.418	ug/l	98
60) Dibromochloromethane	9.518	129	149257	53.701	ug/l	100
61) 1,2-Dibromoethane	9.610	107	157899	52.043	ug/l	100
64) Tetrachloroethene	9.275	164	130206	47.423	ug/l	97
65) Chlorobenzene	10.079	112	395246	49.514	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	143476	52.270	ug/l	100
67) Ethyl Benzene	10.195	91	735764	50.880	ug/l	98
68) m/p-Xylenes	10.299	106	554382	100.360	ug/l	97
69) o-Xylene	10.640	106	272765	50.405	ug/l	98
70) Styrene	10.652	104	452877	52.425	ug/l	99
71) Bromoform	10.799	173	99516	53.306	ug/l #	99
73) Isopropylbenzene	10.963	105	703804	49.229	ug/l	99
74) N-amyl acetate	10.841	43	339380	52.798	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	234171	49.977	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	191692m	48.745	ug/l	
77) Bromobenzene	11.195	156	169448	47.834	ug/l	99
78) n-propylbenzene	11.305	91	825087	49.959	ug/l	99
79) 2-Chlorotoluene	11.366	91	508981	48.812	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	588341	49.220	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	62711	47.791	ug/l	87
82) 4-Chlorotoluene	11.451	91	592653	48.944	ug/l	100
83) tert-Butylbenzene	11.713	119	553663	49.326	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	603523	49.649	ug/l	99
85) sec-Butylbenzene	11.890	105	682718	49.995	ug/l	99
86) p-Isopropyltoluene	12.006	119	570961	50.143	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	317341	49.191	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	321788	47.758	ug/l	100
89) n-Butylbenzene	12.329	91	497783	50.036	ug/l	98
90) Hexachloroethane	12.536	117	92328	52.334	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	312008	48.291	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	51055	52.201	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	182095	49.831	ug/l	99
94) Hexachlorobutadiene	13.725	225	71156	44.272	ug/l	98
95) Naphthalene	13.774	128	647908	49.898	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	180000	48.845	ug/l	98

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

