

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090222\
 Data File : VX031053.D
 Acq On : 02 Sep 2022 09:23
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/21/2022
 Supervised By :Mahesh Dadoda 09/21/2022

Quant Time: Sep 03 01:04:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 02:49:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	206870	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	314968	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	289677	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	152903	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	123234	46.298	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.600%		
35) Dibromofluoromethane	5.391	113	121451	52.839	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.680%		
50) Toluene-d8	8.653	98	448462	53.013	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	106.020%		
62) 4-Bromofluorobenzene	11.079	95	163206	54.623	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	109.240%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	99927	46.945	ug/l	98
3) Chloromethane	1.294	50	77327	43.749	ug/l	97
4) Vinyl Chloride	1.374	62	97372	43.791	ug/l	98
5) Bromomethane	1.611	94	61155	61.520	ug/l	99
6) Chloroethane	1.685	64	37156	27.607	ug/l	95
7) Trichlorofluoromethane	1.886	101	178515	47.512	ug/l	97
8) Diethyl Ether	2.136	74	59908	45.718	ug/l	73
9) 1,1,2-Trichlorotrifluo...	2.331	101	120864	48.566	ug/l	91
10) Methyl Iodide	2.453	142	120859	50.168	ug/l	98
11) Tert butyl alcohol	3.008	59	128158	237.184	ug/l	98
12) 1,1-Dichloroethene	2.319	96	113819	47.360	ug/l	93
13) Acrolein	2.239	56	126640	259.995	ug/l	98
14) Allyl chloride	2.666	41	144022	45.124	ug/l #	90
15) Acrylonitrile	3.068	53	279071	223.622	ug/l	99
16) Acetone	2.392	43	222081	216.121	ug/l	98
17) Carbon Disulfide	2.514	76	285125	45.683	ug/l	96
18) Methyl Acetate	2.709	43	129556	43.875	ug/l #	86
19) Methyl tert-butyl Ether	3.117	73	356238	48.132	ug/l	93
20) Methylene Chloride	2.788	84	123231	49.252	ug/l #	86
21) trans-1,2-Dichloroethene	3.093	96	124189	46.439	ug/l	88
22) Diisopropyl ether	3.763	45	293561	45.647	ug/l #	86
23) Vinyl Acetate	3.721	43	1218594	234.591	ug/l #	91
24) 1,1-Dichloroethane	3.611	63	199997	46.152	ug/l	99
25) 2-Butanone	4.562	43	349372	220.230	ug/l	92
26) 2,2-Dichloropropane	4.477	77	165420	47.836	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	141918	47.350	ug/l	92
28) Bromochloromethane	4.897	49	55606	43.311	ug/l #	61
29) Tetrahydrofuran	5.013	42	216379	211.569	ug/l #	80
30) Chloroform	5.093	83	222345	46.789	ug/l	99
31) Cyclohexane	5.477	56	169149	46.519	ug/l	91
32) 1,1,1-Trichloroethane	5.385	97	197055	48.374	ug/l	96
36) 1,1-Dichloropropene	5.696	75	159229	49.457	ug/l	98
37) Ethyl Acetate	4.715	43	134441	48.060	ug/l	95
38) Carbon Tetrachloride	5.678	117	174851	52.320	ug/l	95
39) Methylcyclohexane	7.379	83	212073	53.150	ug/l	92
40) Benzene	6.037	78	474062	51.286	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	72274	48.461	ug/l #	87
42) 1,2-Dichloroethane	6.092	62	155460	50.984	ug/l	99
43) Isopropyl Acetate	6.342	43	212687	48.648	ug/l #	91
44) Trichloroethene	7.129	130	152675	52.184	ug/l	93
45) 1,2-Dichloropropane	7.434	63	116671	49.242	ug/l	96
46) Dibromomethane	7.580	93	90986	51.308	ug/l	91
47) Bromodichloromethane	7.818	83	173688	52.426	ug/l	94
48) Methyl methacrylate	7.696	41	104817	47.489	ug/l #	86
49) 1,4-Dioxane	7.702	88	66244	986.753	ug/l	92
51) 4-Methyl-2-Pentanone	8.574	43	669733	238.296	ug/l	88
52) Toluene	8.720	92	313707	52.332	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	177175	54.011	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	196839	53.664	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	131494	51.598	ug/l	97
56) Ethyl methacrylate	9.116	69	184196	52.870	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	204345	50.713	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	420358	241.624	ug/l	90
59) 2-Hexanone	9.433	43	519175	244.276	ug/l	86
60) Dibromochloromethane	9.525	129	147396	55.701	ug/l	100
61) 1,2-Dibromoethane	9.610	107	143293	53.260	ug/l	100
64) Tetrachloroethene	9.275	164	155865	53.890	ug/l	95
65) Chlorobenzene	10.079	112	348186	50.328	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	132279	51.781	ug/l	98
67) Ethyl Benzene	10.195	91	606819	51.198	ug/l	98
68) m/p-Xylenes	10.305	106	484596	104.247	ug/l	99
69) o-Xylene	10.646	106	237614	52.120	ug/l	100
70) Styrene	10.659	104	392429	53.189	ug/l	100
71) Bromoform	10.805	173	110993	55.877	ug/l #	100
73) Isopropylbenzene	10.963	105	622636	50.515	ug/l	100
74) N-amyl acetate	10.841	43	180976	48.643	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	11.213	83	180151	45.705	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	168558m	46.634	ug/l	
77) Bromobenzene	11.201	156	158062	49.738	ug/l	87
78) n-propylbenzene	11.305	91	711699	50.697	ug/l	97
79) 2-Chlorotoluene	11.366	91	420036	48.591	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	525139	50.628	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	58724	51.059	ug/l	92
82) 4-Chlorotoluene	11.457	91	479656	49.591	ug/l	97
83) tert-Butylbenzene	11.713	119	511112	49.509	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	527395	51.156	ug/l	99
85) sec-Butylbenzene	11.890	105	668894	49.467	ug/l	99
86) p-Isopropyltoluene	12.012	119	565239	52.782	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	300662	49.392	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	302419	49.885	ug/l	98
89) n-Butylbenzene	12.335	91	490163	50.764	ug/l	98
90) Hexachloroethane	12.542	117	96557	49.753	ug/l	84
91) 1,2-Dichlorobenzene	12.335	146	293543	47.017	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	43044	44.821	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	220467	55.797	ug/l	99
94) Hexachlorobutadiene	13.725	225	86813	50.180	ug/l	97
95) Naphthalene	13.774	128	755427	54.507	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	214317	51.708	ug/l	97

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

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