

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090722\
 Data File : VX031160.D
 Acq On : 07 Sep 2022 15:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 07 23:24:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/08/2022
 Supervised By : Mahesh Dadoda 09/08/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	53776	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	87429	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	93770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57853	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68023	53.428	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.860%			
35) Dibromofluoromethane	5.385	113	51001	53.531	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.060%			
50) Toluene-d8	8.653	98	179432	51.836	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.680%			
62) 4-Bromofluorobenzene	11.079	95	68948	54.352	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.700%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	40798	47.209	ug/l	97
3) Chloromethane	1.288	50	29694	44.714	ug/l	97
4) Vinyl Chloride	1.374	62	35933	45.837	ug/l	98
5) Bromomethane	1.611	94	24519	48.953	ug/l	97
6) Chloroethane	1.684	64	21734	49.422	ug/l	97
7) Trichlorofluoromethane	1.886	101	81893	47.941	ug/l	95
8) Diethyl Ether	2.130	74	24925	51.372	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.325	101	48131	49.826	ug/l	97
10) Methyl Iodide	2.447	142	57494	48.134	ug/l #	87
11) Tert butyl alcohol	3.001	59	64482	286.972	ug/l	99
12) 1,1-Dichloroethene	2.318	96	42755	47.090	ug/l	90
13) Acrolein	2.239	56	44820	253.477	ug/l	98
14) Allyl chloride	2.660	41	60230	49.381	ug/l #	81
15) Acrylonitrile	3.068	53	127876	263.774	ug/l	97
16) Acetone	2.392	43	111497	252.922	ug/l	94
17) Carbon Disulfide	2.507	76	110593	49.544	ug/l	100
18) Methyl Acetate	2.703	43	58920	51.629	ug/l #	90
19) Methyl tert-butyl Ether	3.117	73	169311	52.502	ug/l #	90
20) Methylene Chloride	2.788	84	50760	48.991	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	48228	47.940	ug/l	96
22) Diisopropyl ether	3.757	45	127171	49.653	ug/l	92
23) Vinyl Acetate	3.721	43	573746	266.886	ug/l #	92
24) 1,1-Dichloroethane	3.611	63	86496	50.915	ug/l	97
25) 2-Butanone	4.562	43	169790	260.024	ug/l	91
26) 2,2-Dichloropropane	4.471	77	77088	50.710	ug/l	92
27) cis-1,2-Dichloroethene	4.489	96	57578	49.851	ug/l	99
28) Bromochloromethane	4.897	49	34490	55.990	ug/l #	81
29) Tetrahydrofuran	5.007	42	101800	264.061	ug/l #	81
30) Chloroform	5.098	83	99384	49.457	ug/l	97
31) Cyclohexane	5.470	56	67853	47.692	ug/l #	83
32) 1,1,1-Trichloroethane	5.379	97	89031	49.157	ug/l	97
36) 1,1-Dichloropropene	5.690	75	69008	48.366	ug/l	96
37) Ethyl Acetate	4.714	43	66743	52.730	ug/l	96
38) Carbon Tetrachloride	5.678	117	75980	50.613	ug/l	97
39) Methylcyclohexane	7.379	83	82840	50.836	ug/l	94
40) Benzene	6.037	78	191784	49.480	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	34901	52.732	ug/l #	89
42) 1,2-Dichloroethane	6.086	62	82001	51.673	ug/l	97
43) Isopropyl Acetate	6.342	43	105497	52.863	ug/l #	95
44) Trichloroethene	7.123	130	52306	48.009	ug/l	94
45) 1,2-Dichloropropane	7.427	63	47840	50.224	ug/l	98
46) Dibromomethane	7.580	93	38720	51.262	ug/l	97
47) Bromodichloromethane	7.824	83	79476	54.091	ug/l	97
48) Methyl methacrylate	7.696	41	52435	53.956	ug/l	90
49) 1,4-Dioxane	7.696	88	28957	1079.383	ug/l	91
51) 4-Methyl-2-Pentanone	8.573	43	325185	266.101	ug/l	91
52) Toluene	8.720	92	126867	49.626	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	86088	56.243	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	89307	54.347	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	55076	52.401	ug/l	96
56) Ethyl methacrylate	9.116	69	84619	54.646	ug/l	92
57) 1,3-Dichloropropane	9.311	76	91529	50.399	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	187989	257.587	ug/l	92
59) 2-Hexanone	9.433	43	245575	265.736	ug/l	90
60) Dibromochloromethane	9.525	129	61271	56.544	ug/l	99
61) 1,2-Dibromoethane	9.610	107	61211	52.406	ug/l	96
64) Tetrachloroethene	9.275	164	48218	49.395	ug/l	93
65) Chlorobenzene	10.079	112	135173	48.961	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	54734	50.756	ug/l	96
67) Ethyl Benzene	10.195	91	250755	50.119	ug/l	100
68) m/p-Xylenes	10.305	106	190803	102.878	ug/l	92
69) o-Xylene	10.640	106	92636	50.047	ug/l	87
70) Styrene	10.658	104	155680	52.448	ug/l	93
71) Bromoform	10.799	173	41046	57.127	ug/l #	99
73) Isopropylbenzene	10.963	105	250725	49.908	ug/l	97
74) N-amyl acetate	10.841	43	84485	52.823	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	11.213	83	79080	50.426	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	76620m	48.527	ug/l	
77) Bromobenzene	11.201	156	55029	50.400	ug/l	94
78) n-propylbenzene	11.305	91	289022	50.471	ug/l	99
79) 2-Chlorotoluene	11.366	91	176827	49.842	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	212881	50.405	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	26903	54.949	ug/l	97
82) 4-Chlorotoluene	11.457	91	205952	50.175	ug/l	95
83) tert-Butylbenzene	11.713	119	204319	49.075	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	211303	51.463	ug/l	95
85) sec-Butylbenzene	11.890	105	255509	49.552	ug/l	99
86) p-Isopropyltoluene	12.012	119	218797	52.524	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	102452	50.487	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	105868	50.731	ug/l	96
89) n-Butylbenzene	12.335	91	194124	54.049	ug/l	98
90) Hexachloroethane	12.542	117	37074	51.797	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	99574	50.037	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21004	48.767	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	62912	54.061	ug/l	96
94) Hexachlorobutadiene	13.725	225	24488	49.554	ug/l	97
95) Naphthalene	13.774	128	242043	53.095	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	63907	53.939	ug/l	98

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

