

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092722\
 Data File : VX031714.D
 Acq On : 27 Sep 2022 20:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 28 06:33:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/28/2022
 Supervised By : Mahesh Dadoda 09/28/2022

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 Dadoda
 09/28/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	58424	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	94766	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	107975	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83968	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72474	58.447	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.900%			
35) Dibromofluoromethane	5.385	113	60897	53.931	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.860%			
50) Toluene-d8	8.653	98	202649	49.503	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.000%			
62) 4-Bromofluorobenzene	11.079	95	79372	52.901	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.800%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	28545	40.146	ug/l	96
3) Chloromethane	1.288	50	37726	60.776	ug/l	100
4) Vinyl Chloride	1.367	62	46639	47.663	ug/l	100
5) Bromomethane	1.611	94	55118	64.487	ug/l	99
6) Chloroethane	1.685	64	62019	53.341	ug/l	97
7) Trichlorofluoromethane	1.886	101	105409	43.801	ug/l	99
8) Diethyl Ether	2.130	74	42216	62.432	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.325	101	33088	42.606	ug/l	93
10) Methyl Iodide	2.453	142	47541	62.453	ug/l	99
11) Tert butyl alcohol	3.001	59	51226	331.010	ug/l	97
12) 1,1-Dichloroethene	2.319	96	34049	57.509	ug/l	88
13) Acrolein	2.239	56	22817	315.529	ug/l	99
14) Allyl chloride	2.666	41	54268	53.111	ug/l	93
15) Acrylonitrile	3.068	53	129279	300.408	ug/l	100
16) Acetone	2.392	43	103532	369.701	ug/l	98
17) Carbon Disulfide	2.508	76	66228	50.891	ug/l	99
18) Methyl Acetate	2.709	43	65914	59.153	ug/l	91
19) Methyl tert-butyl Ether	3.111	73	166942	60.531	ug/l	98
20) Methylene Chloride	2.788	84	50473	64.871	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	44736	52.106	ug/l	94
22) Diisopropyl ether	3.763	45	148930	56.633	ug/l #	94
23) Vinyl Acetate	3.721	43	610973	293.771	ug/l #	93
24) 1,1-Dichloroethane	3.611	63	86298	56.922	ug/l	100
25) 2-Butanone	4.562	43	178103	300.910	ug/l	92
26) 2,2-Dichloropropane	4.477	77	49750	40.430	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	59757	56.831	ug/l	84
28) Bromochloromethane	4.897	49	40793	57.518	ug/l #	74
29) Tetrahydrofuran	5.013	42	112506	302.582	ug/l #	84
30) Chloroform	5.092	83	108339	58.088	ug/l	99
31) Cyclohexane	5.470	56	50781	43.071	ug/l	86
32) 1,1,1-Trichloroethane	5.385	97	84799	54.896	ug/l	98
36) 1,1-Dichloropropene	5.690	75	59046	45.534	ug/l	97
37) Ethyl Acetate	4.721	43	72553	55.469	ug/l	98
38) Carbon Tetrachloride	5.678	117	69638	47.651	ug/l	99
39) Methylcyclohexane	7.379	83	58481	39.582	ug/l	93
40) Benzene	6.037	78	204593	51.370	ug/l	99

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41) Methacrylonitrile	4.922	41	37726	56.683	ug/l #	90
42) 1,2-Dichloroethane	6.086	62	85745	55.667	ug/l	99
43) Isopropyl Acetate	6.342	43	112761	54.775	ug/l #	94
44) Trichloroethene	7.129	130	54530	48.474	ug/l	91
45) 1,2-Dichloropropane	7.433	63	51722	53.510	ug/l	96
46) Dibromomethane	7.580	93	44380	57.171	ug/l	94
47) Bromodichloromethane	7.824	83	81612	58.262	ug/l	100
48) Methyl methacrylate	7.696	41	53509	59.103	ug/l	87
49) 1,4-Dioxane	7.702	88	30000	1377.718	ug/l	89
51) 4-Methyl-2-Pentanone	8.573	43	380340	291.885	ug/l	94
52) Toluene	8.720	92	134072	50.502	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	76588	47.440	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	80418	55.242	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	65100	56.954	ug/l	96
56) Ethyl methacrylate	9.116	69	88594	60.580	ug/l	90
57) 1,3-Dichloropropane	9.311	76	101076	55.838	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	208242	289.179	ug/l	90
59) 2-Hexanone	9.433	43	287706	295.928	ug/l	93
60) Dibromochloromethane	9.525	129	70306	52.597	ug/l	99
61) 1,2-Dibromoethane	9.610	107	70664	60.902	ug/l	99
64) Tetrachloroethene	9.275	164	53506	46.361	ug/l	97
65) Chlorobenzene	10.079	112	152338	50.642	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	62276	57.538	ug/l	98
67) Ethyl Benzene	10.195	91	247798	48.425	ug/l	97
68) m/p-Xylenes	10.305	106	204003	99.220	ug/l	97
69) o-Xylene	10.640	106	105865	52.678	ug/l	94
70) Styrene	10.658	104	178360	54.523	ug/l	98
71) Bromoform	10.799	173	49724	53.308	ug/l #	100
73) Isopropylbenzene	10.963	105	258138	47.537	ug/l	99
74) N-amyl acetate	10.847	43	101715	57.745	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	98954	57.350	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	88644m	58.232	ug/l	
77) Bromobenzene	11.201	156	71299	51.649	ug/l	92
78) n-propylbenzene	11.305	91	284938	47.154	ug/l	98
79) 2-Chlorotoluene	11.366	91	183355	49.138	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	228494	49.639	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	22808	50.914	ug/l	94
82) 4-Chlorotoluene	11.457	91	216067	50.122	ug/l	97
83) tert-Butylbenzene	11.713	119	220806	49.743	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	231304	50.765	ug/l	98
85) sec-Butylbenzene	11.890	105	264107	46.816	ug/l	100
86) p-Isopropyltoluene	12.012	119	234314	48.165	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	133298	49.809	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	137576	49.112	ug/l	99
89) n-Butylbenzene	12.335	91	181472	45.664	ug/l	98
90) Hexachloroethane	12.542	117	37765	48.411	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	140046	52.255	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22369	64.698	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	79524	50.741	ug/l	99
94) Hexachlorobutadiene	13.725	225	26733	43.743	ug/l	97
95) Naphthalene	13.774	128	321185	61.352	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	85441	53.120	ug/l	97

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

