

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021122\
 Data File : VX026959.D
 Acq On : 11 Feb 2022 11:59
 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 : John Carlone 02/14/2022
 Supervised By : Mahesh Dadoda 02/15/2022

Quant Time: Feb 12 04:26:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	95221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	151113	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	130795	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58555	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	54521	47.699	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.400%		
35) Dibromofluoromethane	5.391	113	42948	47.704	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.400%		
50) Toluene-d8	8.653	98	158077	47.833	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.660%		
62) 4-Bromofluorobenzene	11.079	95	55210	47.452	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.900%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	50147	48.433	ug/l	100
3) Chloromethane	1.294	50	45962	47.718	ug/l	98
4) Vinyl Chloride	1.380	62	48601	48.201	ug/l	97
5) Bromomethane	1.611	94	20500	47.913	ug/l	99
6) Chloroethane	1.691	64	28306	51.708	ug/l	99
7) Trichlorofluoromethane	1.892	101	71184	47.974	ug/l	99
8) Diethyl Ether	2.136	74	27342	49.744	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	47618	48.959	ug/l	100
10) Methyl Iodide	2.459	142	60421	45.025	ug/l	97
11) Tert butyl alcohol	2.971	59	42073	203.750	ug/l #	85
12) 1,1-Dichloroethene	2.325	96	44995	46.172	ug/l	94
13) Acrolein	2.239	56	55723	292.009	ug/l	97
14) Allyl chloride	2.666	41	84966	49.222	ug/l	96
15) Acrylonitrile	3.062	53	145664	246.166	ug/l	99
16) Acetone	2.379	43	149671	298.133	ug/l	96
17) Carbon Disulfide	2.514	76	123351	44.713	ug/l	100
18) Methyl Acetate	2.703	43	68598	47.491	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	168809	48.939	ug/l	99
20) Methylene Chloride	2.794	84	52477	48.242	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	49642	48.409	ug/l	96
22) Diisopropyl ether	3.763	45	172530	49.644	ug/l	94
23) Vinyl Acetate	3.721	43	754595	258.251	ug/l	98
24) 1,1-Dichloroethane	3.611	63	92646	49.266	ug/l	99
25) 2-Butanone	4.556	43	209808	259.391	ug/l	100
26) 2,2-Dichloropropane	4.477	77	69698	54.854	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	58937	50.057	ug/l	96
28) Bromochloromethane	4.903	49	40170	51.530	ug/l	98
29) Tetrahydrofuran	5.007	42	132054	240.149	ug/l	98
30) Chloroform	5.099	83	95642	48.950	ug/l	100
31) Cyclohexane	5.476	56	86184	47.453	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	82684	47.998	ug/l	99
36) 1,1-Dichloropropene	5.696	75	70861	49.892	ug/l	98
37) Ethyl Acetate	4.714	43	81271	50.351	ug/l	99
38) Carbon Tetrachloride	5.678	117	73521	49.364	ug/l	97
39) Methylcyclohexane	7.379	83	89175	51.198	ug/l	97
40) Benzene	6.043	78	207001	50.008	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	44564	50.941	ug/l	97
42) 1,2-Dichloroethane	6.086	62	77442	53.092	ug/l	98
43) Isopropyl Acetate	6.336	43	128648	51.801	ug/l	98
44) Trichloroethene	7.129	130	60692	48.832	ug/l	93
45) 1,2-Dichloropropane	7.427	63	53621	51.199	ug/l	99
46) Dibromomethane	7.580	93	38148	52.641	ug/l	98
47) Bromodichloromethane	7.824	83	74265	53.513	ug/l	98
48) Methyl methacrylate	7.696	41	63398	51.521	ug/l	97
49) 1,4-Dioxane	7.677	88	18368	866.227	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	382186	253.952	ug/l	98
52) Toluene	8.720	92	129593	49.449	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	77974	51.850	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	87164	56.879	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	52352	52.766	ug/l	98
56) Ethyl methacrylate	9.116	69	83609	53.162	ug/l	97
57) 1,3-Dichloropropane	9.311	76	91006	53.416	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	199069	246.609	ug/l	99
59) 2-Hexanone	9.433	43	282630	256.755	ug/l	98
60) Dibromochloromethane	9.518	129	55417	54.285	ug/l	99
61) 1,2-Dibromoethane	9.610	107	55922	53.347	ug/l	99
64) Tetrachloroethene	9.275	164	62832	47.830	ug/l	96
65) Chlorobenzene	10.079	112	134330	49.660	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	51280	51.535	ug/l	99
67) Ethyl Benzene	10.195	91	243076	50.773	ug/l	98
68) m/p-Xylenes	10.305	106	183660	99.709	ug/l	97
69) o-Xylene	10.640	106	89305	49.479	ug/l	97
70) Styrene	10.658	104	148860	50.853	ug/l	98
71) Bromoform	10.799	173	36690	47.699	ug/l #	100
73) Isopropylbenzene	10.963	105	234013	50.737	ug/l	99
74) N-amyl acetate	10.841	43	94486	51.271	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	63438	50.684	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	66128m	51.590	ug/l	
77) Bromobenzene	11.201	156	55279	50.421	ug/l	95
78) n-propylbenzene	11.305	91	265245	51.875	ug/l	99
79) 2-Chlorotoluene	11.366	91	157961	49.999	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	191631	50.482	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	20731	50.530	ug/l	92
82) 4-Chlorotoluene	11.457	91	179230	50.570	ug/l	98
83) tert-Butylbenzene	11.713	119	183422	50.698	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	191656	50.056	ug/l	98
85) sec-Butylbenzene	11.890	105	236475	51.563	ug/l	99
86) p-Isopropyltoluene	12.012	119	201372	51.831	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	101691	50.620	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	101813	50.254	ug/l	99
89) n-Butylbenzene	12.335	91	169148	53.212	ug/l	99
90) Hexachloroethane	12.542	117	31078	55.345	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	99413	51.286	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15586	50.637	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	65074	53.194	ug/l	98
94) Hexachlorobutadiene	13.725	225	26496	51.205	ug/l	99
95) Naphthalene	13.774	128	222821	51.999	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	65185	52.623	ug/l	99

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

