

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100622\
 Data File : VX031947.D
 Acq On : 07 Oct 2022 02:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/07/2022
 Supervised By : Mahesh Dadoda 10/07/2022

Quant Time: Oct 07 08:11:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	68159	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	103756	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	111928	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77882	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66493	47.238	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.480%		
35) Dibromofluoromethane	5.385	113	57480	48.942	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.880%		
50) Toluene-d8	8.647	98	209197	49.501	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.000%		
62) 4-Bromofluorobenzene	11.079	95	77858	52.112	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.220%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	56585	55.784	ug/l	98
3) Chloromethane	1.288	50	49352	46.462	ug/l	99
4) Vinyl Chloride	1.368	62	58239	46.916	ug/l	98
5) Bromomethane	1.611	94	33527	41.019	ug/l	98
6) Chloroethane	1.685	64	58690	55.559	ug/l	97
7) Trichlorofluoromethane	1.886	101	106393	47.681	ug/l	96
8) Diethyl Ether	2.130	74	36506	47.997	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	53777	47.682	ug/l	90
10) Methyl Iodide	2.453	142	38732	34.646	ug/l	99
11) Tert butyl alcohol	2.995	59	44993	256.908	ug/l	97
12) 1,1-Dichloroethene	2.319	96	50583	48.722	ug/l	89
13) Acrolein	2.239	56	24402	241.113	ug/l	100
14) Allyl chloride	2.660	41	70945	48.026	ug/l	97
15) Acrylonitrile	3.068	53	131451	235.451	ug/l	99
16) Acetone	2.386	43	108056	225.870	ug/l	93
17) Carbon Disulfide	2.508	76	107233	48.098	ug/l	100
18) Methyl Acetate	2.703	43	76692	48.586	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	173431	49.781	ug/l	98
20) Methylene Chloride	2.788	84	57014	45.352	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	53864	46.850	ug/l	92
22) Diisopropyl ether	3.757	45	166006	49.988	ug/l	88
23) Vinyl Acetate	3.721	43	643581	259.264	ug/l	96
24) 1,1-Dichloroethane	3.611	63	96813	48.633	ug/l	98
25) 2-Butanone	4.562	43	175262	234.356	ug/l	95
26) 2,2-Dichloropropane	4.477	77	55553	38.852	ug/l	93
27) cis-1,2-Dichloroethene	4.483	96	64147	46.629	ug/l	88
28) Bromochloromethane	4.903	49	42175	49.497	ug/l	84
29) Tetrahydrofuran	5.013	42	112640	233.437	ug/l	93
30) Chloroform	5.092	83	105145	47.418	ug/l	97
31) Cyclohexane	5.470	56	81326	48.363	ug/l	90
32) 1,1,1-Trichloroethane	5.385	97	93144	49.432	ug/l	98
36) 1,1-Dichloropropene	5.690	75	76085	48.854	ug/l	97
37) Ethyl Acetate	4.714	43	70979	48.409	ug/l	99
38) Carbon Tetrachloride	5.678	117	79301	49.799	ug/l	95
39) Methylcyclohexane	7.379	83	89222	48.029	ug/l	94
40) Benzene	6.037	78	224212	49.165	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	39392	51.665	ug/l	96
42) 1,2-Dichloroethane	6.092	62	82049	49.373	ug/l	98
43) Isopropyl Acetate	6.342	43	113692	51.107	ug/l	96
44) Trichloroethene	7.123	130	63910	47.795	ug/l	91
45) 1,2-Dichloropropane	7.434	63	56436	50.356	ug/l	94
46) Dibromomethane	7.580	93	42031	48.392	ug/l	90
47) Bromodichloromethane	7.824	83	79332	52.873	ug/l	99
48) Methyl methacrylate	7.696	41	56855	53.485	ug/l	95
49) 1,4-Dioxane	7.702	88	24425	1016.884	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	376355	255.294	ug/l	97
52) Toluene	8.720	92	146350	49.082	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	76327	47.322	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	84841	52.212	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	60386	47.983	ug/l	97
56) Ethyl methacrylate	9.116	69	84930	52.648	ug/l	96
57) 1,3-Dichloropropane	9.311	76	98280	48.598	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	206046	247.439	ug/l	93
59) 2-Hexanone	9.433	43	277733	255.507	ug/l	97
60) Dibromochloromethane	9.525	129	62477	54.246	ug/l	98
61) 1,2-Dibromoethane	9.610	107	64113	50.659	ug/l	98
64) Tetrachloroethene	9.275	164	62146	49.180	ug/l	96
65) Chlorobenzene	10.079	112	161816	47.713	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	57563	49.053	ug/l	97
67) Ethyl Benzene	10.195	91	287550	50.119	ug/l	99
68) m/p-Xylenes	10.305	106	230024	100.889	ug/l	97
69) o-Xylene	10.640	106	112138	50.602	ug/l	97
70) Styrene	10.659	104	183033	51.666	ug/l	98
71) Bromoform	10.799	173	40973	53.334	ug/l #	99
73) Isopropylbenzene	10.963	105	291514	49.627	ug/l	99
74) N-amyl acetate	10.841	43	101942	56.831	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	88538	47.440	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	76446m	47.893	ug/l	
77) Bromobenzene	11.201	156	70522	48.739	ug/l	95
78) n-propylbenzene	11.305	91	331758	49.656	ug/l	100
79) 2-Chlorotoluene	11.366	91	195317	48.578	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	244780	50.244	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	18799	42.383	ug/l	87
82) 4-Chlorotoluene	11.457	91	226602	49.211	ug/l	99
83) tert-Butylbenzene	11.713	119	241547	50.096	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	249365	50.386	ug/l	99
85) sec-Butylbenzene	11.890	105	302000	50.590	ug/l	100
86) p-Isopropyltoluene	12.012	119	253318	50.401	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	133549	48.475	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	133618	47.119	ug/l	99
89) n-Butylbenzene	12.335	91	210861	50.098	ug/l	99
90) Hexachloroethane	12.542	117	37525	47.031	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	131053	47.845	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17518	51.278	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	84352	50.738	ug/l	99
94) Hexachlorobutadiene	13.725	225	32216	47.912	ug/l	98
95) Naphthalene	13.774	128	298658	52.426	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	84721	50.240	ug/l	99

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

