

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083122\
 Data File : VX030993.D
 Acq On : 31 Aug 2022 21:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/01/2022
 Supervised By :Mahesh Dadoda 09/01/2022

Quant Time: Sep 01 00:59:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 14:24:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	195642	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	323186	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	292764	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	155364	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	124231	44.272	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.540%		
35) Dibromofluoromethane	5.391	113	116288	48.812	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.620%		
50) Toluene-d8	8.653	98	424913	48.161	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.320%		
62) 4-Bromofluorobenzene	11.079	95	150841	48.011	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.020%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	95330	46.058	ug/l	98
3) Chloromethane	1.288	50	79358	38.043	ug/l	99
4) Vinyl Chloride	1.374	62	102148	41.449	ug/l	96
5) Bromomethane	1.605	94	36838	48.200	ug/l	98
6) Chloroethane	1.685	64	56867	38.378	ug/l	97
7) Trichlorofluoromethane	1.886	101	165069	44.039	ug/l	94
8) Diethyl Ether	2.136	74	60105	41.551	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.331	101	106896	44.348	ug/l	95
10) Methyl Iodide	2.453	142	121226	53.800	ug/l	97
11) Tert butyl alcohol	2.989	59	136682	205.594	ug/l	100
12) 1,1-Dichloroethene	2.319	96	108479	45.625	ug/l	95
13) Acrolein	2.240	56	81373	241.370	ug/l	98
14) Allyl chloride	2.666	41	150339	38.973	ug/l	95
15) Acrylonitrile	3.069	53	311432	212.141	ug/l	99
16) Acetone	2.386	43	259699	205.058	ug/l	99
17) Carbon Disulfide	2.514	76	273313	43.555	ug/l #	94
18) Methyl Acetate	2.709	43	147282	39.643	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	344671	44.507	ug/l	94
20) Methylene Chloride	2.788	84	122351	42.491	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	118033	45.783	ug/l	95
22) Diisopropyl ether	3.770	45	318003	40.008	ug/l #	84
23) Vinyl Acetate	3.727	43	1300331	203.918	ug/l #	94
24) 1,1-Dichloroethane	3.611	63	200990	43.179	ug/l	99
25) 2-Butanone	4.568	43	411230	200.580	ug/l	93
26) 2,2-Dichloropropane	4.483	77	123001	35.066	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	132776	44.692	ug/l	96
28) Bromochloromethane	4.904	49	61494	40.841	ug/l #	81
29) Tetrahydrofuran	5.013	42	260608	196.492	ug/l #	87
30) Chloroform	5.099	83	216597	44.855	ug/l	99
31) Cyclohexane	5.477	56	169595	40.835	ug/l	92
32) 1,1,1-Trichloroethane	5.391	97	188573	46.067	ug/l	96
36) 1,1-Dichloropropene	5.696	75	153133	43.247	ug/l	98
37) Ethyl Acetate	4.721	43	152279	40.907	ug/l	95
38) Carbon Tetrachloride	5.684	117	161970	48.048	ug/l	98
39) Methylcyclohexane	7.385	83	196763	45.430	ug/l	92
40) Benzene	6.038	78	475333	46.577	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	83437	41.267	ug/l	90
42) 1,2-Dichloroethane	6.093	62	157992	46.604	ug/l	100
43) Isopropyl Acetate	6.349	43	238162	41.229	ug/l #	94
44) Trichloroethene	7.129	130	136870	45.524	ug/l	96
45) 1,2-Dichloropropane	7.434	63	121434	44.578	ug/l	99
46) Dibromomethane	7.586	93	87744	47.167	ug/l	95
47) Bromodichloromethane	7.824	83	169509	47.397	ug/l	96
48) Methyl methacrylate	7.696	41	127970	44.259	ug/l	90
49) 1,4-Dioxane	7.684	88	70692	930.308	ug/l	95
51) 4-Methyl-2-Pentanone	8.580	43	770622	202.124	ug/l	91
52) Toluene	8.720	92	296776	47.593	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	167592	46.442	ug/l	98
54) cis-1,3-Dichloropropene	8.373	75	188947	45.768	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	129757	47.972	ug/l	98
56) Ethyl methacrylate	9.122	69	194439	49.083	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	203285	45.569	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	443542	222.926	ug/l	95
59) 2-Hexanone	9.433	43	600410	211.776	ug/l	89
60) Dibromochloromethane	9.525	129	134344	49.975	ug/l	99
61) 1,2-Dibromoethane	9.610	107	136976	49.050	ug/l	100
64) Tetrachloroethene	9.275	164	137672	49.717	ug/l	98
65) Chlorobenzene	10.086	112	333145	48.124	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.165	131	123535	50.365	ug/l	98
67) Ethyl Benzene	10.195	91	576303	46.933	ug/l	98
68) m/p-Xylenes	10.305	106	455584	97.951	ug/l	99
69) o-Xylene	10.647	106	223558	49.111	ug/l	98
70) Styrene	10.659	104	375823	48.906	ug/l	99
71) Bromoform	10.799	173	99908	51.910	ug/l	99
73) Isopropylbenzene	10.964	105	582571	47.396	ug/l	100
74) N-amyl acetate	10.842	43	193322	40.682	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.214	83	187156	44.445	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	171345m	44.797	ug/l	
77) Bromobenzene	11.201	156	145360	48.802	ug/l	92
78) n-propylbenzene	11.305	91	685156	47.564	ug/l	98
79) 2-Chlorotoluene	11.366	91	411909	46.039	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	490896	47.398	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	53212	41.363	ug/l	96
82) 4-Chlorotoluene	11.457	91	465222	46.513	ug/l	99
83) tert-Butylbenzene	11.720	119	482941	47.501	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	492009	46.403	ug/l	98
85) sec-Butylbenzene	11.890	105	609009	46.150	ug/l	99
86) p-Isopropyltoluene	12.012	119	536621	49.018	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	294024	50.066	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	285000	47.331	ug/l	98
89) n-Butylbenzene	12.335	91	483839	47.221	ug/l	99
90) Hexachloroethane	12.543	117	95006	49.428	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	301937	50.685	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	45571	43.383	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	187393	49.209	ug/l	99
94) Hexachlorobutadiene	13.725	225	74916	46.327	ug/l	99
95) Naphthalene	13.780	128	697120	51.186	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	193961	50.447	ug/l	98

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

