

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102820\
 Data File : VX019162.D
 Acq On : 28 Oct 2020 14:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/29/2020 9:45:46 AM

Quant Time: Oct 29 02:23:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	293094	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	476680	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	442639	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	227606	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	180638	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	
35) Dibromofluoromethane	5.46	113	144801	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
50) Toluene-d8	8.70	98	551655	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
62) 4-Bromofluorobenzene	11.12	95	218804	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	128756	52.695	ug/l	100
3) Chloromethane	1.31	50	142127	52.065	ug/l	99
4) Vinyl Chloride	1.40	62	166960	52.739	ug/l	98
5) Bromomethane	1.64	94	115135	53.254	ug/l	99
6) Chloroethane	1.71	64	109161	54.006	ug/l	96
7) Trichlorofluoromethane	1.92	101	265914	53.466	ug/l	98
8) Diethyl Ether	2.17	74	103457	54.201	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	149212	54.127	ug/l	99
10) Methyl Iodide	2.49	142	170910	52.202	ug/l	99
11) Tert butyl alcohol	3.03	59	185927	249.043	ug/l	99
12) 1,1-Dichloroethene	2.36	96	146090	51.427	ug/l	99
13) Acrolein	2.28	56	84182	252.150	ug/l	97
14) Allyl chloride	2.71	41	230312	53.527	ug/l	99
15) Acrylonitrile	3.12	53	414261	264.062	ug/l	100
16) Acetone	2.43	43	357403	274.088	ug/l	99
17) Carbon Disulfide	2.55	76	402946	49.766	ug/l	100
18) Methyl Acetate	2.75	43	162572	51.270	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	527116	53.554	ug/l	99
20) Methylene Chloride	2.84	84	169403	51.747	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	164855	50.424	ug/l	95
22) Diisopropyl ether	3.82	45	474283	55.291	ug/l	99
23) Vinyl Acetate	3.78	43	2111107	275.983	ug/l	99
24) 1,1-Dichloroethane	3.67	63	287558	53.692	ug/l	99
25) 2-Butanone	4.64	43	558478	271.757	ug/l	100
26) 2,2-Dichloropropane	4.55	77	270479	53.721	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	191168	52.327	ug/l	98
28) Bromochloromethane	4.98	49	124386	51.087	ug/l	96
29) Tetrahydrofuran	5.09	42	352456	272.149	ug/l	99
30) Chloroform	5.18	83	307206	53.889	ug/l	100
31) Cyclohexane	5.55	56	254941	53.358	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	278090	53.805	ug/l	100
36) 1,1-Dichloropropene	5.77	75	232311	52.776	ug/l	100
37) Ethyl Acetate	4.79	43	220640	53.987	ug/l	99
38) Carbon Tetrachloride	5.75	117	241113	53.739	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	286104	54.359	ug/l	98
40) Benzene	6.11	78	675122	54.094	ug/l	100
41) Methacrylonitrile	5.00	41	118168	53.690	ug/l	99
42) 1,2-Dichloroethane	6.16	62	248584	54.044	ug/l	100
43) Isopropyl Acetate	6.41	43	368467	53.844	ug/l	100
44) Trichloroethene	7.18	130	187910	52.573	ug/l	95
45) 1,2-Dichloropropane	7.49	63	169410	55.419	ug/l	99
46) Dibromomethane	7.63	93	120815	53.447	ug/l	97
47) Bromodichloromethane	7.87	83	244541	54.885	ug/l	99
48) Methyl methacrylate	7.74	41	181044	54.966	ug/l	98
49) 1,4-Dioxane	7.73	88	78716	1074.635	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1104024	280.695	ug/l	100
52) Toluene	8.76	92	442953	55.106	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	276013	54.237	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	291324	54.439	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	174401	54.912	ug/l	99
56) Ethyl methacrylate	9.16	69	271613	56.619	ug/l	99
57) 1,3-Dichloropropane	9.35	76	290688	54.286	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	755443	281.579	ug/l	98
59) 2-Hexanone	9.47	43	853394	285.038	ug/l	99
60) Dibromochloromethane	9.56	129	194463	56.419	ug/l	100
61) 1,2-Dibromoethane	9.65	107	183987	54.173	ug/l	100
64) Tetrachloroethene	9.32	164	173339	51.399	ug/l	97
65) Chlorobenzene	10.12	112	466278	51.539	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	173506	53.272	ug/l	98
67) Ethyl Benzene	10.23	91	851718	52.832	ug/l	99
68) m/p-Xylenes	10.34	106	648911	107.248	ug/l	99
69) o-Xylene	10.68	106	309832	53.988	ug/l	99
70) Styrene	10.70	104	529687	54.094	ug/l	99
71) Bromoform	10.84	173	139861	54.161	ug/l #	98
73) Isopropylbenzene	11.00	105	843040	52.327	ug/l	100
74) N-amyl acetate	10.88	43	319054	54.162	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	261020	51.840	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	248345m	52.844	ug/l	
77) Bromobenzene	11.24	156	206135	51.552	ug/l	97
78) n-propylbenzene	11.34	91	979611	53.265	ug/l	100
79) 2-Chlorotoluene	11.40	91	571224	52.756	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	720902	52.966	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	92499	51.824	ug/l	99
82) 4-Chlorotoluene	11.49	91	682283	51.601	ug/l	99
83) tert-Butylbenzene	11.76	119	696771	53.466	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	725377	52.791	ug/l	99
85) sec-Butylbenzene	11.93	105	840885	53.799	ug/l	99
86) p-Isopropyltoluene	12.05	119	781800	54.191	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	384088	51.580	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	379850	49.005	ug/l	99
89) n-Butylbenzene	12.37	91	714600	52.697	ug/l	100
90) Hexachloroethane	12.58	117	134868	55.000	ug/l	97
91) 1,2-Dichlorobenzene	12.37	146	357385	49.982	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	60329	48.944	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	250878	46.712	ug/l	99
94) Hexachlorobutadiene	13.76	225	107229	45.354	ug/l	97
95) Naphthalene	13.82	128	818274	48.374	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	250415	48.061	ug/l	99

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

