

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102720\
 Data File : VX019136.D
 Acq On : 27 Oct 2020 14:53
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102720

Manual Integrations
 APPROVED

MMDadoda
 10/28/2020 12:33:01 PM

Quant Time: Oct 28 02:34:57 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	5.62	168	291996	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	469253	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	424194	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	215070	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	168568	44.76	ug/l	0.00
Spiked Amount			Recovery	=	89.52%	
35) Dibromofluoromethane	5.46	113	136701	46.38	ug/l	0.00
Spiked Amount			Recovery	=	92.76%	
50) Toluene-d8	8.70	98	517912	46.61	ug/l	0.00
Spiked Amount			Recovery	=	93.22%	
62) 4-Bromofluorobenzene	11.12	95	195301	46.41	ug/l	0.00
Spiked Amount			Recovery	=	92.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	128100	52.624	ug/l	99
3) Chloromethane	1.31	50	133315	49.021	ug/l	98
4) Vinyl Chloride	1.39	62	162524	51.531	ug/l	100
5) Bromomethane	1.63	94	101144	46.959	ug/l	99
6) Chloroethane	1.71	64	102967	51.133	ug/l	96
7) Trichlorofluoromethane	1.92	101	258461	52.163	ug/l	94
8) Diethyl Ether	2.17	74	99876	52.521	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	146265	53.257	ug/l	99
10) Methyl Iodide	2.49	142	154180	47.872	ug/l	99
11) Tert butyl alcohol	3.01	59	187887	252.615	ug/l	100
12) 1,1-Dichloroethene	2.36	96	145883	51.547	ug/l	96
13) Acrolein	2.27	56	77134	232.361	ug/l	99
14) Allyl chloride	2.70	41	221799	51.743	ug/l	99
15) Acrylonitrile	3.11	53	402003	257.212	ug/l	99
16) Acetone	2.42	43	339102	261.031	ug/l	98
17) Carbon Disulfide	2.55	76	411610	51.008	ug/l	100
18) Methyl Acetate	2.75	43	158075	50.039	ug/l	100
19) Methyl tert-butyl Ether	3.16	73	519641	52.993	ug/l	99
20) Methylene Chloride	2.83	84	164491	50.436	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	166534	51.129	ug/l	99
22) Diisopropyl ether	3.82	45	452524	52.953	ug/l	98
23) Vinyl Acetate	3.78	43	2030899	266.495	ug/l	99
24) 1,1-Dichloroethane	3.67	63	279678	52.417	ug/l	99
25) 2-Butanone	4.63	43	543401	265.415	ug/l	100
26) 2,2-Dichloropropane	4.54	77	267107	53.251	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	188177	51.702	ug/l	99
28) Bromochloromethane	4.97	49	117300	48.358	ug/l	99
29) Tetrahydrofuran	5.08	42	340501	263.906	ug/l	100
30) Chloroform	5.17	83	296394	52.188	ug/l	98
31) Cyclohexane	5.54	56	246785	51.845	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	273074	53.034	ug/l	99
36) 1,1-Dichloropropene	5.76	75	230095	53.100	ug/l	100
37) Ethyl Acetate	4.79	43	212028	52.701	ug/l	100
38) Carbon Tetrachloride	5.75	117	237592	53.792	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	285217	55.048	ug/l	99
40) Benzene	6.10	78	655833	53.380	ug/l	99
41) Methacrylonitrile	4.99	41	111333	51.385	ug/l	98
42) 1,2-Dichloroethane	6.15	62	238156	52.597	ug/l	99
43) Isopropyl Acetate	6.40	43	355733	52.806	ug/l	100
44) Trichloroethene	7.18	130	186708	53.063	ug/l	97
45) 1,2-Dichloropropane	7.48	63	163133	54.210	ug/l	98
46) Dibromomethane	7.63	93	116337	52.280	ug/l	99
47) Bromodichloromethane	7.87	83	238340	54.340	ug/l	99
48) Methyl methacrylate	7.74	41	173924	53.640	ug/l	100
49) 1,4-Dioxane	7.72	88	79915	1108.271	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1046028	270.159	ug/l	100
52) Toluene	8.76	92	427790	54.062	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	271521	54.199	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	288320	54.730	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	166830	53.360	ug/l	99
56) Ethyl methacrylate	9.16	69	260259	55.111	ug/l	99
57) 1,3-Dichloropropane	9.35	76	282362	53.566	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	626701	237.290	ug/l	100
59) 2-Hexanone	9.47	43	806603	273.673	ug/l	100
60) Dibromochloromethane	9.56	129	185783	54.754	ug/l	100
61) 1,2-Dibromoethane	9.65	107	178343	53.343	ug/l	100
64) Tetrachloroethene	9.32	164	166291	51.453	ug/l	96
65) Chlorobenzene	10.12	112	450682	51.981	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	166121	53.222	ug/l	98
67) Ethyl Benzene	10.23	91	821422	53.169	ug/l	99
68) m/p-Xylenes	10.34	106	628638	108.415	ug/l	100
69) o-Xylene	10.68	106	296529	53.916	ug/l	98
70) Styrene	10.70	104	506159	53.939	ug/l	100
71) Bromoform	10.84	173	134187	54.223	ug/l	99
73) Isopropylbenzene	11.00	105	801220	52.630	ug/l	100
74) N-amyl acetate	10.88	43	296592	53.284	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	251095	52.775	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	235673m	53.071	ug/l	
77) Bromobenzene	11.24	156	194551	51.491	ug/l	98
78) n-propylbenzene	11.34	91	932172	53.640	ug/l	100
79) 2-Chlorotoluene	11.40	91	536198	52.407	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	687893	53.487	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	86457	51.262	ug/l	99
82) 4-Chlorotoluene	11.49	91	651210	52.122	ug/l	100
83) tert-Butylbenzene	11.76	119	667661	54.218	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	687180	52.926	ug/l	100
85) sec-Butylbenzene	11.93	105	805423	54.533	ug/l	99
86) p-Isopropyltoluene	12.05	119	745856	54.713	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	366085	52.028	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	373364	50.975	ug/l	99
89) n-Butylbenzene	12.37	91	695376	54.268	ug/l	99
90) Hexachloroethane	12.58	117	126448	54.572	ug/l	100
91) 1,2-Dichlorobenzene	12.37	146	355324	52.590	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	60849	52.243	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	261394	51.506	ug/l	99
94) Hexachlorobutadiene	13.76	225	118921	53.232	ug/l	99
95) Naphthalene	13.82	128	822466	51.456	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	254419	51.676	ug/l	99

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

