

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081920\
 Data File : VX017969.D
 Acq On : 18 Aug 2020 22:15
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX081920

Manual Integrations
 APPROVED

MMDadoda
 8/24/2020 5:11:46 PM

Quant Time: Aug 19 03:41:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 03:34:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	410622	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	672989	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	719605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	387772	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	270259	44.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.80%	
35) Dibromofluoromethane	5.46	113	212920	42.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.98%	
50) Toluene-d8	8.70	98	720909	40.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.38%	
62) 4-Bromofluorobenzene	11.12	95	298040	45.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	277350	44.803	ug/l	97
3) Chloromethane	1.31	50	286708	51.056	ug/l	97
4) Vinyl Chloride	1.39	62	262852	45.426	ug/l	100
5) Bromomethane	1.62	94	170289	54.189	ug/l	100
6) Chloroethane	1.71	64	157903	51.275	ug/l	99
7) Trichlorofluoromethane	1.91	101	398724	46.370	ug/l	98
8) Diethyl Ether	2.17	74	130168	51.941	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	178401	44.113	ug/l	99
10) Methyl Iodide	2.49	142	230688	44.235	ug/l	99
11) Tert butyl alcohol	3.02	59	311344	267.894	ug/l	100
12) 1,1-Dichloroethene	2.36	96	166487	44.982	ug/l	93
13) Acrolein	2.27	56	151827	247.305	ug/l	98
14) Allyl chloride	2.70	41	296383	44.899	ug/l	98
15) Acrylonitrile	3.12	53	705470	277.953	ug/l	100
16) Acetone	2.42	43	622740	262.970	ug/l	99
17) Carbon Disulfide	2.55	76	414085	46.112	ug/l	99
18) Methyl Acetate	2.75	43	291684	48.949	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	814646	57.570	ug/l	99
20) Methylene Chloride	2.83	84	230660	52.867	ug/l	93
21) trans-1,2-Dichloroethene	3.14	96	194868	51.214	ug/l	97
22) Diisopropyl ether	3.82	45	776372	56.105	ug/l	98
23) Vinyl Acetate	3.78	43	2919610	276.094	ug/l	100
24) 1,1-Dichloroethane	3.67	63	395436	51.549	ug/l	98
25) 2-Butanone	4.64	43	960801	267.996	ug/l	97
26) 2,2-Dichloropropane	4.55	77	301555	43.170	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	241618	53.831	ug/l	96
28) Bromochloromethane	4.98	49	189201	47.727	ug/l #	8
29) Tetrahydrofuran	5.09	42	581583	261.199	ug/l	99
30) Chloroform	5.18	83	417837	49.834	ug/l	100
31) Cyclohexane	5.55	56	293765	47.226	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	350384	46.066	ug/l	99
36) 1,1-Dichloropropene	5.77	75	241334	42.843	ug/l	98
37) Ethyl Acetate	4.79	43	321833	47.752	ug/l	100
38) Carbon Tetrachloride	5.76	117	311412	42.716	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	287609	40.030	ug/l	95
40) Benzene	6.11	78	746586	44.005	ug/l	99
41) Methacrylonitrile	5.01	41	189521	49.061	ug/l	98
42) 1,2-Dichloroethane	6.16	62	346801	48.122	ug/l	99
43) Isopropyl Acetate	6.41	43	509514	46.831	ug/l	99
44) Trichloroethene	7.18	130	216367	43.004	ug/l	95
45) 1,2-Dichloropropane	7.49	63	242814	49.951	ug/l	100
46) Dibromomethane	7.63	93	168369	49.628	ug/l	98
47) Bromodichloromethane	7.87	83	349966	47.517	ug/l	96
48) Methyl methacrylate	7.74	41	264491	49.038	ug/l	96
49) 1,4-Dioxane	7.71	88	110294	998.848	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1772618	241.985	ug/l	99
52) Toluene	8.76	92	496427	44.723	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	395867	50.819	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	370250	45.586	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	246261	48.293	ug/l	98
56) Ethyl methacrylate	9.16	69	379229	52.599	ug/l	97
57) 1,3-Dichloropropane	9.35	76	429338	53.013	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	827777	237.090	ug/l	99
59) 2-Hexanone	9.48	43	1444934	260.316	ug/l	99
60) Dibromochloromethane	9.57	129	318938	50.079	ug/l	96
61) 1,2-Dibromoethane	9.65	107	272511	48.246	ug/l	99
64) Tetrachloroethene	9.32	164	223794	40.723	ug/l	99
65) Chlorobenzene	10.12	112	660791	46.261	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	270479	44.764	ug/l	99
67) Ethyl Benzene	10.23	91	1071783	45.515	ug/l	98
68) m/p-Xylenes	10.34	106	803937	88.681	ug/l	98
69) o-Xylene	10.68	106	390635	44.685	ug/l	99
70) Styrene	10.70	104	685576	45.457	ug/l	98
71) Bromoform	10.84	173	237536	43.799	ug/l	100
73) Isopropylbenzene	11.00	105	1037054	41.550	ug/l	100
74) N-amyl acetate	10.88	43	528573	47.612	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	407830	46.840	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	401938m	48.740	ug/l	
77) Bromobenzene	11.24	156	325520	47.008	ug/l	99
78) n-propylbenzene	11.35	91	1317250	45.123	ug/l	100
79) 2-Chlorotoluene	11.40	91	822823	46.251	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1010120	46.106	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	128440	40.917	ug/l	96
82) 4-Chlorotoluene	11.49	91	992670	47.448	ug/l	100
83) tert-Butylbenzene	11.76	119	971889	46.974	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1044012	46.030	ug/l	98
85) sec-Butylbenzene	11.93	105	1108030	44.364	ug/l	100
86) p-Isopropyltoluene	12.05	119	1058970	45.580	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	576323	45.727	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	575613	46.618	ug/l	99
89) n-Butylbenzene	12.37	91	899420	46.774	ug/l	99
90) Hexachloroethane	12.58	117	210023	45.452	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	562675	48.361	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	105031	47.356	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	364637	47.639	ug/l	98
94) Hexachlorobutadiene	13.77	225	144444	44.220	ug/l	95
95) Naphthalene	13.82	128	1258666	52.095	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	378466	48.626	ug/l	100

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

