

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081219\
 Data File : VX011495.D
 Acq On : 12 Aug 2019 19:46
 Operator : JC/SP
 Sample : K4278-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0693MS

Manual Integrations
 APPROVED

MMDadoda
 8/14/2019 9:13:57 AM

Quant Time: Aug 13 08:47:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	159736	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	238599	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	220794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	117721	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	86507	53.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.56%	
35) Dibromofluoromethane	5.49	113	77128	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
50) Toluene-d8	8.71	98	282322	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	
62) 4-Bromofluorobenzene	11.13	95	105924	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	52619	42.651	ug/l	99
3) Chloromethane	1.32	50	56606	40.859	ug/l	100
4) Vinyl Chloride	1.40	62	64248	42.159	ug/l	99
5) Bromomethane	1.63	94	45672	42.022	ug/l	99
6) Chloroethane	1.71	64	43425	45.807	ug/l	99
7) Trichlorofluoromethane	1.92	101	115700	42.699	ug/l	100
8) Diethyl Ether	2.18	74	40116	41.462	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	65059	44.375	ug/l	97
10) Methyl Iodide	2.50	142	74288	40.190	ug/l	97
11) Tert butyl alcohol	3.04	59	77859	242.724	ug/l	99
12) 1,1-Dichloroethene	2.37	96	64128	44.124	ug/l	94
13) Acrolein	2.29	56	41101	206.104	ug/l	100
14) Allyl chloride	2.72	41	94144	48.591	ug/l	96
15) Acrylonitrile	3.14	53	194833	254.527	ug/l	99
16) Acetone	2.43	43	167986	219.396	ug/l	96
17) Carbon Disulfide	2.56	76	139926	41.028	ug/l	99
18) Methyl Acetate	2.76	43	84683	48.396	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	220600	51.507	ug/l	97
20) Methylene Chloride	2.85	84	75826	45.219	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	81587	53.069	ug/l	93
22) Diisopropyl ether	3.85	45	211381	49.640	ug/l	97
23) Vinyl Acetate	3.81	43	842058	238.418	ug/l	98
24) 1,1-Dichloroethane	3.69	63	121884	48.541	ug/l	98
25) 2-Butanone	4.67	43	271220	249.015	ug/l	99
26) 2,2-Dichloropropane	4.57	77	77494	39.702	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	86012	48.572	ug/l	99
28) Bromochloromethane	5.01	49	56055	48.969	ug/l	96
29) Tetrahydrofuran	5.12	42	170398	255.153	ug/l	98
30) Chloroform	5.20	83	138733	50.836	ug/l	98
31) Cyclohexane	5.57	56	93077	44.930	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	119694	51.199	ug/l	98
36) 1,1-Dichloropropene	5.79	75	91657	43.998	ug/l	99
37) Ethyl Acetate	4.82	43	94548	45.247	ug/l	98
38) Carbon Tetrachloride	5.78	117	104574	49.896	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	99985	40.492	ug/l	96
40) Benzene	6.13	78	288671	46.437	ug/l	96
41) Methacrylonitrile	5.03	41	57421	50.317	ug/l	96
42) 1,2-Dichloroethane	6.18	62	109254	51.974	ug/l	97
43) Isopropyl Acetate	6.44	43	155123	46.433	ug/l	99
44) Trichloroethene	7.21	130	82190	43.680	ug/l	98
45) 1,2-Dichloropropane	7.51	63	75198	46.709	ug/l	98
46) Dibromomethane	7.66	93	55105	46.887	ug/l	96
47) Bromodichloromethane	7.90	83	103099	51.813	ug/l	98
48) Methyl methacrylate	7.76	41	82871	52.710	ug/l	95
49) 1,4-Dioxane	7.74	88	37045	812.747	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	559558	259.533	ug/l	99
52) Toluene	8.78	92	192531	46.843	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	103454	44.947	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	113267	48.730	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	83759	49.565	ug/l	97
56) Ethyl methacrylate	9.18	69	121663	50.520	ug/l	97
57) 1,3-Dichloropropane	9.37	76	127005	47.522	ug/l	99
59) 2-Hexanone	9.49	43	434412	260.131	ug/l	98
60) Dibromochloromethane	9.58	129	89911	51.968	ug/l	98
61) 1,2-Dibromoethane	9.67	107	89358	48.943	ug/l	98
64) Tetrachloroethene	9.34	164	77868	41.528	ug/l	97
65) Chlorobenzene	10.13	112	220630	46.604	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	82535	50.924	ug/l	99
67) Ethyl Benzene	10.25	91	381561	48.126	ug/l	99
68) m/p-Xylenes	10.35	106	291120	94.929	ug/l	97
69) o-Xylene	10.69	106	142416	47.265	ug/l	97
70) Styrene	10.71	104	250026	50.149	ug/l	97
71) Bromoform	10.85	173	67306	46.647	ug/l #	100
73) Isopropylbenzene	11.02	105	387369	48.113	ug/l	99
74) N-amyl acetate	10.90	43	137844	47.382	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	131620	49.055	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	111183m	51.862	ug/l	
77) Bromobenzene	11.25	156	104575	46.840	ug/l	96
78) n-propylbenzene	11.36	91	426707	47.658	ug/l	98
79) 2-Chlorotoluene	11.42	91	255397	47.858	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	325877	48.351	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	33114	42.038	ug/l	94
82) 4-Chlorotoluene	11.51	91	296505	47.674	ug/l	97
83) tert-Butylbenzene	11.77	119	320353	48.463	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	328600	48.970	ug/l	100
85) sec-Butylbenzene	11.94	105	369766	46.559	ug/l	99
86) p-Isopropyltoluene	12.06	119	345253	47.254	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	184743	46.833	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	184017	45.239	ug/l	97
89) n-Butylbenzene	12.38	91	284049	45.126	ug/l	99
90) Hexachloroethane	12.60	117	53548	49.573	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	184426	46.530	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	28001	53.866	ug/l	92
93) 1,2,4-Trichlorobenzene	13.65	180	120386	45.799	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	56124	42.084	ug/l	99
95) Naphthalene	13.83	128	383416	49.879	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	123174	46.093	ug/l	100

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

