

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082620\
 Data File : VX018068.D
 Acq On : 26 Aug 2020 11:41
 Operator : JC/SP
 Sample : VX0826WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0826WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/27/2020 12:19:29 PM

Quant Time: Aug 27 04:26:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	475685	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	762717	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	723477	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	390212	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	344415	52.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.30%	
35) Dibromofluoromethane	5.48	113	272138	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
50) Toluene-d8	8.70	98	887711	45.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.76%	
62) 4-Bromofluorobenzene	11.12	95	388091	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	120509	20.808	ug/l	97
3) Chloromethane	1.32	50	130822	21.425	ug/l	100
4) Vinyl Chloride	1.40	62	127561	20.987	ug/l	97
5) Bromomethane	1.64	94	83547	28.498	ug/l	99
6) Chloroethane	1.72	64	73762	22.595	ug/l	95
7) Trichlorofluoromethane	1.92	101	205961	24.850	ug/l	95
8) Diethyl Ether	2.17	74	64964	23.113	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	97779	21.822	ug/l	97
10) Methyl Iodide	2.50	142	109258	25.668	ug/l	96
11) Tert butyl alcohol	3.02	59	120660	93.972	ug/l	99
12) 1,1-Dichloroethene	2.36	96	96991	20.865	ug/l	99
13) Acrolein	2.28	56	47805	89.791	ug/l	94
14) Allyl chloride	2.71	41	164989	19.755	ug/l	96
15) Acrylonitrile	3.12	53	278224	95.524	ug/l	99
16) Acetone	2.42	43	271238	105.408	ug/l	99
17) Carbon Disulfide	2.56	76	276875	19.702	ug/l	98
18) Methyl Acetate	2.75	43	120716	19.441	ug/l	93
19) Methyl tert-butyl Ether	3.17	73	330995	20.762	ug/l	100
20) Methylene Chloride	2.84	84	107212	19.669	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	101337	19.676	ug/l	95
22) Diisopropyl ether	3.82	45	312108	18.934	ug/l #	78
23) Vinyl Acetate	3.79	43	1434257	97.784	ug/l	99
24) 1,1-Dichloroethane	3.67	63	186362	19.861	ug/l	98
25) 2-Butanone	4.64	43	383778	90.750	ug/l	99
26) 2,2-Dichloropropane	4.55	77	175706	23.014	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	115123	19.400	ug/l	98
28) Bromochloromethane	4.98	49	99553	21.980	ug/l	95
29) Tetrahydrofuran	5.10	42	261905	97.287	ug/l	97
30) Chloroform	5.18	83	202824	20.875	ug/l	97
31) Cyclohexane	5.55	56	154514	19.548	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	191351	21.461	ug/l	99
36) 1,1-Dichloropropene	5.77	75	133895	19.033	ug/l	97
37) Ethyl Acetate	4.80	43	151383	18.528	ug/l	98
38) Carbon Tetrachloride	5.76	117	170292	21.480	ug/l	99

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Quant Time: Aug 27 04:26:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	148673	19.327	ug/l	99
40) Benzene	6.12	78	383320	18.544	ug/l	99
41) Methacrylonitrile	5.01	41	91317	20.355	ug/l	96
42) 1,2-Dichloroethane	6.17	62	171242	21.622	ug/l	98
43) Isopropyl Acetate	6.42	43	240214	18.202	ug/l	99
44) Trichloroethene	7.19	130	120138	20.569	ug/l	91
45) 1,2-Dichloropropane	7.49	63	104153	18.695	ug/l	100
46) Dibromomethane	7.64	93	73806	18.839	ug/l	99
47) Bromodichloromethane	7.88	83	176816	22.603	ug/l	95
48) Methyl methacrylate	7.74	41	113502	17.277	ug/l	96
49) 1,4-Dioxane	7.71	88	42079	353.598	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	741953	91.016	ug/l	99
52) Toluene	8.76	92	242904	18.532	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	175169	20.204	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	176221	19.187	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	110524	19.771	ug/l	98
56) Ethyl methacrylate	9.16	69	168354	20.258	ug/l	98
57) 1,3-Dichloropropane	9.35	76	180637	19.591	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	332042	88.817	ug/l	96
59) 2-Hexanone	9.47	43	594306	95.877	ug/l	99
60) Dibromochloromethane	9.57	129	143385	21.864	ug/l	98
61) 1,2-Dibromoethane	9.65	107	125604	20.695	ug/l	99
64) Tetrachloroethene	9.32	164	118412	22.272	ug/l	95
65) Chlorobenzene	10.12	112	292789	20.263	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	120511	21.161	ug/l	99
67) Ethyl Benzene	10.23	91	499403	20.324	ug/l	99
68) m/p-Xylenes	10.34	106	381682	41.615	ug/l	96
69) o-Xylene	10.68	106	187987	21.144	ug/l	95
70) Styrene	10.70	104	321958	21.264	ug/l	97
71) Bromoform	10.84	173	105386	21.695	ug/l #	98
73) Isopropylbenzene	11.00	105	499030	19.388	ug/l	98
74) N-amyl acetate	10.88	43	226246	18.526	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	153256	16.879	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	153141m	17.642	ug/l	
77) Bromobenzene	11.24	156	134829	18.951	ug/l	94
78) n-propylbenzene	11.34	91	602227	20.606	ug/l	100
79) 2-Chlorotoluene	11.40	91	341543	18.916	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	446560	21.113	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	61039	18.992	ug/l	95
82) 4-Chlorotoluene	11.49	91	425467	19.821	ug/l	99
83) tert-Butylbenzene	11.76	119	427975	20.504	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	444513	20.556	ug/l	100
85) sec-Butylbenzene	11.93	105	487453	20.536	ug/l	99
86) p-Isopropyltoluene	12.05	119	473733	21.727	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	233713	18.710	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	256088	20.475	ug/l	98
89) n-Butylbenzene	12.37	91	381151	19.152	ug/l	99
90) Hexachloroethane	12.58	117	87224	20.333	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	231314	19.672	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	40342	17.770	ug/l	97

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	146828	18.726	ug/l	99
94) Hexachlorobutadiene	13.77	225	63407	20.502	ug/l	98
95) Naphthalene	13.82	128	471790	18.283	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	150186	19.385	ug/l	99

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

