

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082719\
 Data File : VX011845.D
 Acq On : 27 Aug 2019 13:19
 Operator : JC/SP
 Sample : VX0827WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/28/2019 11:44:38 AM

Quant Time: Aug 28 03:36:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	355625	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	510375	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	456361	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	236279	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	196223	54.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.86%	
35) Dibromofluoromethane	5.49	113	164518	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	
50) Toluene-d8	8.71	98	594661	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	
62) 4-Bromofluorobenzene	11.13	95	224197	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	66797	20.126	ug/l	98
3) Chloromethane	1.32	50	63544	21.831	ug/l	100
4) Vinyl Chloride	1.40	62	60157	20.675	ug/l	100
5) Bromomethane	1.64	94	34283	21.388	ug/l	97
6) Chloroethane	1.71	64	33335	19.595	ug/l	99
7) Trichlorofluoromethane	1.92	101	92297	19.924	ug/l	100
8) Diethyl Ether	2.18	74	30259	19.210	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	55902	19.501	ug/l	99
10) Methyl Iodide	2.50	142	65797	18.792	ug/l	98
11) Tert butyl alcohol	3.03	59	93484	132.426	ug/l	99
12) 1,1-Dichloroethene	2.37	96	54873	19.631	ug/l	89
13) Acrolein	2.29	56	32287	118.318	ug/l	93
14) Allyl chloride	2.72	41	112345	25.715	ug/l	98
15) Acrylonitrile	3.14	53	184705	114.392	ug/l	99
16) Acetone	2.43	43	165278	106.354	ug/l	99
17) Carbon Disulfide	2.56	76	155346	21.981	ug/l	100
18) Methyl Acetate	2.76	43	108977	25.843	ug/l	96
19) Methyl tert-butyl Ether	3.18	73	201173	22.437	ug/l	97
20) Methylene Chloride	2.85	84	61434	19.336	ug/l	90
21) trans-1,2-Dichloroethene	3.16	96	58375	19.362	ug/l	92
22) Diisopropyl ether	3.85	45	206615	24.389	ug/l	95
23) Vinyl Acetate	3.81	43	881866	125.726	ug/l	97
24) 1,1-Dichloroethane	3.69	63	108466	21.685	ug/l	98
25) 2-Butanone	4.66	43	272366	122.103	ug/l	96
26) 2,2-Dichloropropane	4.57	77	97786	23.021	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	68014	19.672	ug/l	93
28) Bromochloromethane	5.01	49	59465	26.190	ug/l	87
29) Tetrahydrofuran	5.12	42	174587	122.099	ug/l	95
30) Chloroform	5.20	83	110173	20.302	ug/l	100
31) Cyclohexane	5.57	56	99309	22.607	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	103516	21.944	ug/l	96
36) 1,1-Dichloropropene	5.79	75	79485	19.860	ug/l	99
37) Ethyl Acetate	4.82	43	102994	24.318	ug/l	98
38) Carbon Tetrachloride	5.77	117	95145	20.977	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	99174	19.997	ug/l	93
40) Benzene	6.13	78	240809	19.450	ug/l	96
41) Methacrylonitrile	5.03	41	56970	23.128	ug/l	95
42) 1,2-Dichloroethane	6.18	62	89839	19.850	ug/l	100
43) Isopropyl Acetate	6.44	43	168484	24.578	ug/l	99
44) Trichloroethene	7.21	130	71007	18.605	ug/l	98
45) 1,2-Dichloropropane	7.51	63	63513	20.409	ug/l	100
46) Dibromomethane	7.66	93	43773	19.079	ug/l	96
47) Bromodichloromethane	7.89	83	91504	22.155	ug/l	95
48) Methyl methacrylate	7.76	41	81740	23.960	ug/l	94
49) 1,4-Dioxane	7.74	88	36174	382.700	ug/l	92
51) 4-Methyl-2-Pentanone	8.63	43	515749	114.180	ug/l	98
52) Toluene	8.78	92	153327	19.138	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	101674	23.450	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	108204	22.877	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	62997	18.873	ug/l	99
56) Ethyl methacrylate	9.17	69	106550	22.445	ug/l	91
57) 1,3-Dichloropropane	9.37	76	105211	19.520	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	295915	118.501	ug/l	99
59) 2-Hexanone	9.49	43	401332	115.761	ug/l	98
60) Dibromochloromethane	9.58	129	78167	21.659	ug/l	98
61) 1,2-Dibromoethane	9.67	107	68961	19.254	ug/l	98
64) Tetrachloroethene	9.34	164	68338	18.770	ug/l	99
65) Chlorobenzene	10.13	112	166548	18.693	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	69058	20.687	ug/l	99
67) Ethyl Benzene	10.25	91	294824	19.801	ug/l	99
68) m/p-Xylenes	10.35	106	224790	39.155	ug/l	99
69) o-Xylene	10.69	106	111844	19.842	ug/l	98
70) Styrene	10.71	104	187183	19.851	ug/l	98
71) Bromoform	10.85	173	68051	23.631	ug/l #	97
73) Isopropylbenzene	11.01	105	295144	20.728	ug/l	99
74) N-amyl acetate	10.89	43	144100	26.140	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	99206	21.049	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	92132m	22.222	ug/l	
77) Bromobenzene	11.25	156	81154	19.333	ug/l	94
78) n-propylbenzene	11.35	91	321205	21.097	ug/l	98
79) 2-Chlorotoluene	11.41	91	195729	20.663	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	245865	20.695	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	37619	27.364	ug/l	100
82) 4-Chlorotoluene	11.51	91	224251	20.539	ug/l	98
83) tert-Butylbenzene	11.77	119	253996	21.669	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	248936	20.749	ug/l	99
85) sec-Butylbenzene	11.94	105	284486	21.217	ug/l	99
86) p-Isopropyltoluene	12.06	119	265749	20.600	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	138570	19.169	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	137499	18.800	ug/l	97
89) n-Butylbenzene	12.38	91	217732	20.388	ug/l	98
90) Hexachloroethane	12.59	117	53992	26.939	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	140178	19.226	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	26634	24.311	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	102471	19.107	ug/l	99
94) Hexachlorobutadiene	13.78	225	57066	19.418	ug/l	99
95) Naphthalene	13.83	128	303960	20.578	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	103597	19.238	ug/l	98

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

