

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082719\
 Data File : VX011847.D
 Acq On : 27 Aug 2019 14:06
 Operator : JC/SP
 Sample : VX0827WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/28/2019 11:44:47 AM

Quant Time: Aug 28 03:41:49 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	360855	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	509701	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	460676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	241602	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	198967	54.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.78%	
35) Dibromofluoromethane	5.49	113	167262	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
50) Toluene-d8	8.71	98	601631	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	
62) 4-Bromofluorobenzene	11.13	95	228502	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	68672	20.391	ug/l	98
3) Chloromethane	1.32	50	64272	21.762	ug/l	99
4) Vinyl Chloride	1.40	62	62193	21.065	ug/l	100
5) Bromomethane	1.63	94	33658	20.694	ug/l	94
6) Chloroethane	1.71	64	37001	21.435	ug/l	99
7) Trichlorofluoromethane	1.92	101	93756	19.946	ug/l	99
8) Diethyl Ether	2.18	74	32969	20.627	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	57496	19.767	ug/l	98
10) Methyl Iodide	2.50	142	69306	19.507	ug/l	98
11) Tert butyl alcohol	3.03	59	96291	134.425	ug/l	99
12) 1,1-Dichloroethene	2.37	96	55882	19.703	ug/l	95
13) Acrolein	2.28	56	31134	112.439	ug/l	93
14) Allyl chloride	2.72	41	114796	25.896	ug/l	98
15) Acrylonitrile	3.14	53	190504	116.273	ug/l	100
16) Acetone	2.43	43	167215	106.041	ug/l	98
17) Carbon Disulfide	2.56	76	160262	22.348	ug/l	99
18) Methyl Acetate	2.76	43	109891	25.682	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	205020	22.535	ug/l	95
20) Methylene Chloride	2.85	84	63793	19.788	ug/l	92
21) trans-1,2-Dichloroethene	3.15	96	61178	19.998	ug/l	93
22) Diisopropyl ether	3.85	45	210971	24.542	ug/l	96
23) Vinyl Acetate	3.81	43	902961	126.867	ug/l	96
24) 1,1-Dichloroethane	3.69	63	111908	22.049	ug/l	99
25) 2-Butanone	4.66	43	275434	121.689	ug/l	96
26) 2,2-Dichloropropane	4.57	77	96964	22.497	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	70184	20.005	ug/l	93
28) Bromochloromethane	5.01	49	56099	24.349	ug/l	88
29) Tetrahydrofuran	5.12	42	177826	122.562	ug/l	96
30) Chloroform	5.20	83	113218	20.561	ug/l	98
31) Cyclohexane	5.57	56	103633	23.249	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	107385	22.434	ug/l	99
36) 1,1-Dichloropropene	5.79	75	82562	20.656	ug/l	99
37) Ethyl Acetate	4.82	43	106266	25.123	ug/l	97
38) Carbon Tetrachloride	5.78	117	97299	21.480	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	103383	20.873	ug/l	95
40) Benzene	6.13	78	248323	20.084	ug/l	99
41) Methacrylonitrile	5.03	41	57770	23.484	ug/l	96
42) 1,2-Dichloroethane	6.19	62	91159	20.168	ug/l	100
43) Isopropyl Acetate	6.44	43	171805	25.096	ug/l	99
44) Trichloroethene	7.21	130	73520	19.289	ug/l	98
45) 1,2-Dichloropropane	7.51	63	65377	21.036	ug/l	97
46) Dibromomethane	7.66	93	43962	19.187	ug/l	97
47) Bromodichloromethane	7.89	83	93102	22.572	ug/l	99
48) Methyl methacrylate	7.76	41	83049	24.376	ug/l	93
49) 1,4-Dioxane	7.73	88	37957	402.094	ug/l	95
51) 4-Methyl-2-Pentanone	8.63	43	525963	116.596	ug/l	98
52) Toluene	8.78	92	155712	19.461	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	103569	23.919	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	110140	23.317	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	65540	19.661	ug/l	97
56) Ethyl methacrylate	9.17	69	110345	23.275	ug/l	92
57) 1,3-Dichloropropane	9.37	76	109160	20.280	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	299242	119.991	ug/l	98
59) 2-Hexanone	9.49	43	409146	118.171	ug/l	97
60) Dibromochloromethane	9.58	129	81190	22.526	ug/l	100
61) 1,2-Dibromoethane	9.66	107	71357	19.950	ug/l	99
64) Tetrachloroethene	9.34	164	70953	19.306	ug/l	98
65) Chlorobenzene	10.13	112	171570	19.076	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	71589	21.245	ug/l	99
67) Ethyl Benzene	10.25	91	301347	20.050	ug/l	100
68) m/p-Xylenes	10.35	106	230308	39.740	ug/l	98
69) o-Xylene	10.69	106	112017	19.687	ug/l	98
70) Styrene	10.71	104	192765	20.252	ug/l	98
71) Bromoform	10.85	173	68987	23.731	ug/l #	99
73) Isopropylbenzene	11.01	105	301779	20.727	ug/l	99
74) N-amyl acetate	10.89	43	149187	26.466	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	101117	20.982	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	94116m	22.200	ug/l	
77) Bromobenzene	11.25	156	85204	19.850	ug/l	96
78) n-propylbenzene	11.35	91	331870	21.317	ug/l	98
79) 2-Chlorotoluene	11.41	91	199301	20.577	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	254369	20.939	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	37406	26.610	ug/l	99
82) 4-Chlorotoluene	11.51	91	230034	20.604	ug/l	98
83) tert-Butylbenzene	11.77	119	261124	21.787	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	254643	20.757	ug/l	99
85) sec-Butylbenzene	11.94	105	290821	21.212	ug/l	99
86) p-Isopropyltoluene	12.06	119	276207	20.939	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	143467	19.410	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	142005	18.989	ug/l	97
89) n-Butylbenzene	12.38	91	224961	20.601	ug/l	98
90) Hexachloroethane	12.59	117	55286	26.977	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	141965	19.042	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	27271	24.344	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	104661	19.085	ug/l	99
94) Hexachlorobutadiene	13.78	225	58383	19.429	ug/l	98
95) Naphthalene	13.83	128	312168	20.668	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	107115	19.453	ug/l	99

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

