

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062719\
 Data File : VX010507.D
 Acq On : 28 Jun 2019 00:16
 Operator : JC/SP
 Sample : VX0627WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627WBSD02

Manual Integrations
 APPROVED

MMDadoda
 6/28/2019 10:36:40 AM

Quant Time: Jun 28 08:00:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	249379	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	375532	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	341954	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	173497	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	116743	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
35) Dibromofluoromethane	5.50	113	115342	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
50) Toluene-d8	8.71	98	428936	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	
62) 4-Bromofluorobenzene	11.13	95	150487	47.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	30468	17.573	ug/l	97
3) Chloromethane	1.32	50	34692	17.184	ug/l	100
4) Vinyl Chloride	1.41	62	39013	17.643	ug/l	99
5) Bromomethane	1.64	94	21775	20.213	ug/l	95
6) Chloroethane	1.72	64	24914	19.097	ug/l	99
7) Trichlorofluoromethane	1.93	101	66663	19.017	ug/l	100
8) Diethyl Ether	2.19	74	24108	19.178	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	38787	18.259	ug/l	100
10) Methyl Iodide	2.51	142	55506	18.309	ug/l	99
11) Tert butyl alcohol	3.05	59	54755	89.495	ug/l	97
12) 1,1-Dichloroethene	2.37	96	39100	18.089	ug/l	98
13) Acrolein	2.29	56	27891	68.719	ug/l	96
14) Allyl chloride	2.73	41	54759	17.844	ug/l	100
15) Acrylonitrile	3.14	53	118608	97.914	ug/l	99
16) Acetone	2.45	43	98959	84.449	ug/l	99
17) Carbon Disulfide	2.57	76	89319	15.402	ug/l	97
18) Methyl Acetate	2.78	43	47498	20.337	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	130779	19.232	ug/l	99
20) Methylene Chloride	2.85	84	45805	18.994	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	42592	18.321	ug/l	97
22) Diisopropyl ether	3.86	45	122372	19.072	ug/l	89
23) Vinyl Acetate	3.82	43	521896	94.156	ug/l	99
24) 1,1-Dichloroethane	3.70	63	71159	19.187	ug/l	99
25) 2-Butanone	4.67	43	160747	93.516	ug/l	98
26) 2,2-Dichloropropane	4.59	77	43778	13.588	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	50767	18.897	ug/l	97
28) Bromochloromethane	5.01	49	35441	19.987	ug/l	99
29) Tetrahydrofuran	5.13	42	100179	94.091	ug/l	97
30) Chloroform	5.21	83	75526	18.927	ug/l	99
31) Cyclohexane	5.58	56	60635	17.953	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	65768	18.665	ug/l	100
36) 1,1-Dichloropropene	5.81	75	52346	17.541	ug/l	99
37) Ethyl Acetate	4.84	43	59170	19.274	ug/l	99
38) Carbon Tetrachloride	5.78	117	57983	17.943	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	68000	17.335	ug/l	98
40) Benzene	6.15	78	175152	18.839	ug/l	99
41) Methacrylonitrile	5.05	41	31628	18.776	ug/l	97
42) 1,2-Dichloroethane	6.19	62	55737	19.695	ug/l	100
43) Isopropyl Acetate	6.45	43	96461	18.991	ug/l	99
44) Trichloroethene	7.21	130	51088	18.364	ug/l	100
45) 1,2-Dichloropropane	7.51	63	44488	18.949	ug/l	97
46) Dibromomethane	7.66	93	32005	19.000	ug/l	98
47) Bromodichloromethane	7.90	83	55881	18.102	ug/l	95
48) Methyl methacrylate	7.77	41	44249	18.742	ug/l	97
49) 1,4-Dioxane	7.74	88	27664	406.752	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	319319	98.297	ug/l	99
52) Toluene	8.79	92	114660	18.728	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	57426	16.592	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	65383	17.384	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	48762	19.311	ug/l	98
56) Ethyl methacrylate	9.18	69	70415	18.409	ug/l	98
57) 1,3-Dichloropropane	9.37	76	74746	19.070	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	170080	93.623	ug/l	99
59) 2-Hexanone	9.49	43	248242	97.095	ug/l	100
60) Dibromochloromethane	9.58	129	49638	17.557	ug/l	99
61) 1,2-Dibromoethane	9.67	107	51063	18.735	ug/l	99
64) Tetrachloroethene	9.34	164	54621	19.749	ug/l	98
65) Chlorobenzene	10.14	112	129191	18.609	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	46691	18.464	ug/l	98
67) Ethyl Benzene	10.25	91	219526	18.731	ug/l	99
68) m/p-Xylenes	10.36	106	168786	37.167	ug/l	100
69) o-Xylene	10.69	106	83830	18.771	ug/l	99
70) Styrene	10.71	104	140760	18.794	ug/l	99
71) Bromoform	10.85	173	37833	17.204	ug/l #	99
73) Isopropylbenzene	11.02	105	221104	18.800	ug/l	99
74) N-amyl acetate	10.90	43	84120	18.926	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	75198	19.307	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	60775m	19.223	ug/l	
77) Bromobenzene	11.26	156	62351	18.986	ug/l	97
78) n-propylbenzene	11.36	91	237638	18.385	ug/l	100
79) 2-Chlorotoluene	11.42	91	142572	18.523	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	179894	18.554	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	19520	14.404	ug/l	89
82) 4-Chlorotoluene	11.51	91	162402	18.542	ug/l	98
83) tert-Butylbenzene	11.77	119	178825	18.376	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	182966	18.783	ug/l	99
85) sec-Butylbenzene	11.94	105	213300	18.668	ug/l	100
86) p-Isopropyltoluene	12.06	119	192338	18.199	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	107251	18.710	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	106465	18.243	ug/l	99
89) n-Butylbenzene	12.38	91	156418	17.417	ug/l	98
90) Hexachloroethane	12.59	117	30117	16.481	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	107505	18.869	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14487	17.251	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	73077	18.496	ug/l	99
94) Hexachlorobutadiene	13.78	225	35513	18.391	ug/l	99
95) Naphthalene	13.83	128	231417	19.060	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	73666	18.753	ug/l	99

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

