

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062719\
 Data File : VX010481.D
 Acq On : 27 Jun 2019 12:12
 Operator : JC/SP
 Sample : VX0627WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/28/2019 10:37:31 AM

Quant Time: Jun 28 07:02:11 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	251493	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	373664	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	337753	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	168975	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	117440	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
35) Dibromofluoromethane	5.50	113	114473	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
50) Toluene-d8	8.71	98	436712	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
62) 4-Bromofluorobenzene	11.13	95	152834	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	30959	17.707	ug/l	98
3) Chloromethane	1.33	50	35902	17.634	ug/l	100
4) Vinyl Chloride	1.41	62	39611	17.763	ug/l	97
5) Bromomethane	1.64	94	23227	21.380	ug/l	98
6) Chloroethane	1.72	64	25146	19.113	ug/l	98
7) Trichlorofluoromethane	1.93	101	68679	19.428	ug/l	95
8) Diethyl Ether	2.19	74	25175	19.858	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	40656	18.978	ug/l	99
10) Methyl Iodide	2.51	142	54895	17.955	ug/l	98
11) Tert butyl alcohol	3.05	59	59216	95.972	ug/l	100
12) 1,1-Dichloroethene	2.37	96	40348	18.509	ug/l	98
13) Acrolein	2.29	56	32140	78.522	ug/l	100
14) Allyl chloride	2.73	41	57284	18.510	ug/l	98
15) Acrylonitrile	3.14	53	120471	98.616	ug/l	99
16) Acetone	2.45	43	111751	94.564	ug/l	99
17) Carbon Disulfide	2.57	76	93578	16.001	ug/l	100
18) Methyl Acetate	2.78	43	46447	19.720	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	132351	19.300	ug/l	99
20) Methylene Chloride	2.86	84	46454	19.101	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	43256	18.450	ug/l	96
22) Diisopropyl ether	3.85	45	125570	19.406	ug/l	97
23) Vinyl Acetate	3.81	43	546266	97.725	ug/l	100
24) 1,1-Dichloroethane	3.70	63	72711	19.440	ug/l	99
25) 2-Butanone	4.67	43	168158	97.006	ug/l	100
26) 2,2-Dichloropropane	4.58	77	58687	18.063	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	51653	19.065	ug/l	99
28) Bromochloromethane	5.02	49	38509	21.534	ug/l	99
29) Tetrahydrofuran	5.13	42	105465	98.223	ug/l	99
30) Chloroform	5.21	83	77505	19.259	ug/l	99
31) Cyclohexane	5.59	56	63419	18.620	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	67708	19.054	ug/l	99
36) 1,1-Dichloropropene	5.80	75	54203	18.254	ug/l	100
37) Ethyl Acetate	4.83	43	60302	19.741	ug/l	97
38) Carbon Tetrachloride	5.78	117	59986	18.656	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	71645	18.356	ug/l	98
40) Benzene	6.14	78	175960	19.021	ug/l	100
41) Methacrylonitrile	5.04	41	32268	19.252	ug/l	98
42) 1,2-Dichloroethane	6.19	62	56964	20.229	ug/l	100
43) Isopropyl Acetate	6.45	43	97713	19.334	ug/l	100
44) Trichloroethene	7.21	130	52515	18.971	ug/l	97
45) 1,2-Dichloropropane	7.51	63	44587	19.086	ug/l	99
46) Dibromomethane	7.66	93	33108	19.753	ug/l	98
47) Bromodichloromethane	7.90	83	58310	18.983	ug/l	99
48) Methyl methacrylate	7.77	41	44838	19.087	ug/l	97
49) 1,4-Dioxane	7.74	88	27904	412.332	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	326207	100.919	ug/l	99
52) Toluene	8.79	92	117807	19.338	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	61192	17.769	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	68806	18.386	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	50277	20.011	ug/l	99
56) Ethyl methacrylate	9.18	69	73309	19.261	ug/l	99
57) 1,3-Dichloropropane	9.37	76	76641	19.651	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	170049	94.074	ug/l	99
59) 2-Hexanone	9.49	43	252733	99.346	ug/l	99
60) Dibromochloromethane	9.58	129	51490	18.303	ug/l	98
61) 1,2-Dibromoethane	9.67	107	52564	19.382	ug/l	99
64) Tetrachloroethene	9.34	164	54530	19.961	ug/l	93
65) Chlorobenzene	10.13	112	131744	19.213	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	47428	18.989	ug/l	99
67) Ethyl Benzene	10.25	91	223504	19.307	ug/l	100
68) m/p-Xylenes	10.36	106	171091	38.143	ug/l	100
69) o-Xylene	10.69	106	85060	19.283	ug/l	98
70) Styrene	10.71	104	143131	19.349	ug/l	99
71) Bromoform	10.85	173	39522	18.196	ug/l #	99
73) Isopropylbenzene	11.02	105	228008	19.906	ug/l	99
74) N-amyl acetate	10.90	43	86446	19.970	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	77212	20.354	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	62317m	20.238	ug/l	
77) Bromobenzene	11.26	156	61901	19.354	ug/l	98
78) n-propylbenzene	11.36	91	245185	19.476	ug/l	100
79) 2-Chlorotoluene	11.42	91	145233	19.374	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	185387	19.633	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	22346	16.930	ug/l	94
82) 4-Chlorotoluene	11.51	91	167043	19.583	ug/l	98
83) tert-Butylbenzene	11.77	119	186250	19.652	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	187955	19.812	ug/l	99
85) sec-Butylbenzene	11.94	105	218278	19.615	ug/l	100
86) p-Isopropyltoluene	12.06	119	201397	19.566	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	107891	19.325	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	107547	18.922	ug/l	97
89) n-Butylbenzene	12.38	91	166199	19.002	ug/l	99
90) Hexachloroethane	12.60	117	30908	17.366	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	111388	20.074	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15294	18.700	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	73073	18.990	ug/l	99
94) Hexachlorobutadiene	13.78	225	36022	19.154	ug/l	99
95) Naphthalene	13.83	128	229019	19.367	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	75327	19.689	ug/l	100

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

