

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062819\
 Data File : VX010533.D
 Acq On : 28 Jun 2019 13:51
 Operator : JC/SP
 Sample : VX0628WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/1/2019 11:35:42 AM

Quant Time: Jun 29 05:11:21 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	5.66	168	231934	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	346827	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	317053	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	159365	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	109340	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
35) Dibromofluoromethane	5.50	113	105570	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
50) Toluene-d8	8.71	98	398221	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
62) 4-Bromofluorobenzene	11.13	95	142508	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	29165	18.087	ug/l	98
3) Chloromethane	1.33	50	33506	17.845	ug/l	98
4) Vinyl Chloride	1.41	62	37057	18.019	ug/l	95
5) Bromomethane	1.64	94	23762	23.716	ug/l	98
6) Chloroethane	1.72	64	24727	20.379	ug/l	94
7) Trichlorofluoromethane	1.93	101	64002	19.632	ug/l	99
8) Diethyl Ether	2.19	74	23478	20.082	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	37581	19.022	ug/l	100
10) Methyl Iodide	2.51	142	49659	17.612	ug/l	99
11) Tert butyl alcohol	3.04	59	58098	102.101	ug/l	99
12) 1,1-Dichloroethene	2.37	96	37410	18.609	ug/l	99
13) Acrolein	2.29	56	34119	90.387	ug/l	96
14) Allyl chloride	2.73	41	53349	18.692	ug/l	98
15) Acrylonitrile	3.14	53	111632	99.087	ug/l	99
16) Acetone	2.45	43	99543	91.337	ug/l	95
17) Carbon Disulfide	2.57	76	84128	15.598	ug/l	99
18) Methyl Acetate	2.78	43	44834	20.641	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	124760	19.727	ug/l	98
20) Methylene Chloride	2.85	84	44241	19.725	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	40232	18.607	ug/l	100
22) Diisopropyl ether	3.85	45	118400	19.841	ug/l	98
23) Vinyl Acetate	3.82	43	508353	98.611	ug/l	99
24) 1,1-Dichloroethane	3.70	63	67548	19.583	ug/l	99
25) 2-Butanone	4.68	43	155525	97.284	ug/l	96
26) 2,2-Dichloropropane	4.58	77	51813	17.292	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	49303	19.733	ug/l	98
28) Bromochloromethane	5.02	49	31696	19.219	ug/l	95
29) Tetrahydrofuran	5.13	42	98557	99.530	ug/l	99
30) Chloroform	5.21	83	73024	19.676	ug/l	94
31) Cyclohexane	5.58	56	58093	18.494	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	63078	19.248	ug/l	99
36) 1,1-Dichloropropene	5.80	75	51770	18.784	ug/l	99
37) Ethyl Acetate	4.83	43	55861	19.702	ug/l	97
38) Carbon Tetrachloride	5.79	117	54608	18.297	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	64463	17.794	ug/l	96
40) Benzene	6.14	78	167528	19.511	ug/l	99
41) Methacrylonitrile	5.04	41	30588	19.662	ug/l	98
42) 1,2-Dichloroethane	6.20	62	53486	20.463	ug/l	99
43) Isopropyl Acetate	6.45	43	91083	19.416	ug/l	100
44) Trichloroethene	7.21	130	49550	19.285	ug/l	94
45) 1,2-Dichloropropane	7.51	63	43368	20.001	ug/l	97
46) Dibromomethane	7.66	93	29729	19.109	ug/l	99
47) Bromodichloromethane	7.90	83	53510	18.768	ug/l	97
48) Methyl methacrylate	7.77	41	42982	19.712	ug/l	100
49) 1,4-Dioxane	7.74	88	24877	396.047	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	306950	102.310	ug/l	99
52) Toluene	8.79	92	108505	19.189	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	56154	17.568	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	62008	17.851	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	46672	20.013	ug/l	98
56) Ethyl methacrylate	9.18	69	68178	19.299	ug/l	97
57) 1,3-Dichloropropane	9.37	76	71849	19.848	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	159781	95.233	ug/l	99
59) 2-Hexanone	9.49	43	238674	101.079	ug/l	99
60) Dibromochloromethane	9.58	129	46380	17.763	ug/l	98
61) 1,2-Dibromoethane	9.67	107	48374	19.218	ug/l	98
64) Tetrachloroethene	9.34	164	49024	19.117	ug/l	98
65) Chlorobenzene	10.14	112	122774	19.074	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	44245	18.871	ug/l	99
67) Ethyl Benzene	10.25	91	208554	19.192	ug/l	100
68) m/p-Xylenes	10.36	106	162447	38.581	ug/l	99
69) o-Xylene	10.69	106	79849	19.284	ug/l	97
70) Styrene	10.71	104	133548	19.232	ug/l	100
71) Bromoform	10.85	173	34034	16.692	ug/l #	100
73) Isopropylbenzene	11.02	105	208337	19.285	ug/l	99
74) N-amyl acetate	10.90	43	79612	19.500	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	71508	19.987	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	57623m	19.842	ug/l	
77) Bromobenzene	11.26	156	57760	19.148	ug/l	100
78) n-propylbenzene	11.36	91	229728	19.349	ug/l	100
79) 2-Chlorotoluene	11.42	91	137830	19.495	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	171310	19.236	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	19586	15.734	ug/l	91
82) 4-Chlorotoluene	11.51	91	156347	19.434	ug/l	99
83) tert-Butylbenzene	11.77	119	171046	19.136	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	174081	19.456	ug/l	98
85) sec-Butylbenzene	11.94	105	199932	19.050	ug/l	100
86) p-Isopropyltoluene	12.06	119	185115	19.069	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	100001	18.992	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	101765	18.984	ug/l	100
89) n-Butylbenzene	12.38	91	153939	18.661	ug/l	99
90) Hexachloroethane	12.60	117	28242	16.825	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	99826	19.075	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14299	18.537	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	68416	18.852	ug/l	98
94) Hexachlorobutadiene	13.78	225	32228	18.170	ug/l	99
95) Naphthalene	13.83	128	214218	19.208	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	69578	19.283	ug/l	99

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

