

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062819\
 Data File : VX010527.D
 Acq On : 28 Jun 2019 11:25
 Operator : JC/SP
 Sample : VX0628WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/1/2019 11:35:38 AM

Quant Time: Jun 29 04:53:54 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	267071	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	378945	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	348401	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	180406	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	122188	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	
35) Dibromofluoromethane	5.49	113	119829	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
50) Toluene-d8	8.71	98	453656	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	
62) 4-Bromofluorobenzene	11.13	95	161815	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	31716	17.081	ug/l	99
3) Chloromethane	1.33	50	35719	16.521	ug/l	99
4) Vinyl Chloride	1.41	62	38984	16.462	ug/l	98
5) Bromomethane	1.64	94	25477	22.083	ug/l	97
6) Chloroethane	1.72	64	24293	17.388	ug/l	96
7) Trichlorofluoromethane	1.93	101	70156	18.688	ug/l	99
8) Diethyl Ether	2.18	74	25202	18.720	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	41945	18.438	ug/l	100
10) Methyl Iodide	2.51	142	54867	16.899	ug/l	99
11) Tert butyl alcohol	3.04	59	57887	88.346	ug/l	99
12) 1,1-Dichloroethene	2.37	96	40562	17.522	ug/l	95
13) Acrolein	2.29	56	34274	78.852	ug/l	99
14) Allyl chloride	2.73	41	56733	17.262	ug/l	99
15) Acrylonitrile	3.14	53	116070	89.472	ug/l	100
16) Acetone	2.44	43	114393	91.153	ug/l	99
17) Carbon Disulfide	2.57	76	92226	14.850	ug/l	99
18) Methyl Acetate	2.77	43	43957	17.574	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	132880	18.246	ug/l	100
20) Methylene Chloride	2.85	84	46269	17.915	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	43839	17.608	ug/l	93
22) Diisopropyl ether	3.85	45	124376	18.101	ug/l	95
23) Vinyl Acetate	3.81	43	535879	90.275	ug/l	99
24) 1,1-Dichloroethane	3.70	63	70731	17.808	ug/l	98
25) 2-Butanone	4.67	43	162402	88.221	ug/l	100
26) 2,2-Dichloropropane	4.58	77	61692	17.880	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	52257	18.163	ug/l	98
28) Bromochloromethane	5.01	49	34206	18.012	ug/l	97
29) Tetrahydrofuran	5.13	42	98979	86.805	ug/l	99
30) Chloroform	5.21	83	77332	18.096	ug/l	99
31) Cyclohexane	5.57	56	65060	17.987	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	68209	18.076	ug/l	99
36) 1,1-Dichloropropene	5.80	75	56033	18.608	ug/l	99
37) Ethyl Acetate	4.83	43	58217	18.792	ug/l	99
38) Carbon Tetrachloride	5.78	117	59638	18.289	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	72898	18.417	ug/l	98
40) Benzene	6.14	78	176638	18.828	ug/l	96
41) Methacrylonitrile	5.04	41	31568	18.572	ug/l	98
42) 1,2-Dichloroethane	6.19	62	56055	19.629	ug/l	98
43) Isopropyl Acetate	6.44	43	94855	18.507	ug/l	99
44) Trichloroethene	7.21	130	54372	19.369	ug/l	97
45) 1,2-Dichloropropane	7.51	63	44055	18.595	ug/l	99
46) Dibromomethane	7.66	93	31643	18.616	ug/l	98
47) Bromodichloromethane	7.90	83	56539	18.150	ug/l	100
48) Methyl methacrylate	7.77	41	44305	18.597	ug/l	100
49) 1,4-Dioxane	7.74	88	27055	394.215	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	309559	94.434	ug/l	99
52) Toluene	8.78	92	117401	19.003	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	61489	17.606	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	68825	18.134	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	49038	19.246	ug/l	97
56) Ethyl methacrylate	9.18	69	71702	18.576	ug/l	99
57) 1,3-Dichloropropane	9.37	76	74752	18.899	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	170147	92.816	ug/l	99
59) 2-Hexanone	9.49	43	245314	95.086	ug/l	100
60) Dibromochloromethane	9.58	129	50656	17.756	ug/l	100
61) 1,2-Dibromoethane	9.67	107	51668	18.787	ug/l	99
64) Tetrachloroethene	9.34	164	55397	19.659	ug/l	96
65) Chlorobenzene	10.13	112	133943	18.937	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	48108	18.672	ug/l	100
67) Ethyl Benzene	10.25	91	226290	18.950	ug/l	99
68) m/p-Xylenes	10.36	106	179197	38.729	ug/l	98
69) o-Xylene	10.69	106	86666	19.047	ug/l	100
70) Styrene	10.71	104	146476	19.196	ug/l	99
71) Bromoform	10.85	173	38544	17.203	ug/l #	100
73) Isopropylbenzene	11.02	105	231233	18.908	ug/l	100
74) N-amyl acetate	10.90	43	84680	18.322	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	74332	18.353	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	60993m	18.553	ug/l	
77) Bromobenzene	11.25	156	63655	18.641	ug/l	99
78) n-propylbenzene	11.36	91	256336	19.072	ug/l	100
79) 2-Chlorotoluene	11.42	91	149758	18.712	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	194442	19.287	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	20956	14.871	ug/l	91
82) 4-Chlorotoluene	11.51	91	171869	18.872	ug/l	98
83) tert-Butylbenzene	11.77	119	191259	18.901	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	194165	19.169	ug/l	99
85) sec-Butylbenzene	11.94	105	229708	19.334	ug/l	100
86) p-Isopropyltoluene	12.06	119	213863	19.461	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	113874	19.104	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	115693	19.065	ug/l	100
89) n-Butylbenzene	12.38	91	180208	19.298	ug/l	99
90) Hexachloroethane	12.59	117	31458	16.555	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	113324	19.129	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14471	16.572	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	81865	19.927	ug/l	99
94) Hexachlorobutadiene	13.78	225	41971	20.903	ug/l	99
95) Naphthalene	13.83	128	241012	19.090	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	82239	20.133	ug/l	100

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

