

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122719\
 Data File : VX014304.D
 Acq On : 27 Dec 2019 13:15
 Operator : JC/SP
 Sample : VX1227WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1227WBS01

Manual Integrations
 APPROVED

apatel
 12/30/2019 11:04:11 AM

Quant Time: Dec 30 05:55:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	502000	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	756236	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	675604	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	335091	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	279188	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
35) Dibromofluoromethane	5.48	113	232910	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
50) Toluene-d8	8.71	98	895499	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
62) 4-Bromofluorobenzene	11.13	95	316921	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	72939	16.241	ug/l	99
3) Chloromethane	1.32	50	106172	17.616	ug/l	99
4) Vinyl Chloride	1.40	62	111335	17.507	ug/l	98
5) Bromomethane	1.63	94	70812	15.688	ug/l	97
6) Chloroethane	1.72	64	74614	19.010	ug/l	98
7) Trichlorofluoromethane	1.92	101	144581	18.365	ug/l	99
8) Diethyl Ether	2.18	74	68900	18.648	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	89297	18.817	ug/l	99
10) Methyl Iodide	2.50	142	91746	16.512	ug/l	99
11) Tert butyl alcohol	3.02	59	102701	83.540	ug/l	98
12) 1,1-Dichloroethene	2.37	96	84094	17.415	ug/l	99
13) Acrolein	2.28	56	65112	92.524	ug/l	97
14) Allyl chloride	2.72	41	159837	18.538	ug/l	98
15) Acrylonitrile	3.12	53	272307	94.899	ug/l	98
16) Acetone	2.43	43	299472	81.077	ug/l	99
17) Carbon Disulfide	2.56	76	213580	16.443	ug/l	99
18) Methyl Acetate	2.76	43	137554	18.794	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	298610	18.818	ug/l	97
20) Methylene Chloride	2.84	84	104225	17.919	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	93026	17.486	ug/l	95
22) Diisopropyl ether	3.84	45	337578	19.648	ug/l	91
23) Vinyl Acetate	3.80	43	1376601	98.182	ug/l	100
24) 1,1-Dichloroethane	3.69	63	179965	18.827	ug/l	99
25) 2-Butanone	4.65	43	408777	89.764	ug/l	96
26) 2,2-Dichloropropane	4.56	77	138158	18.615	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	110920	18.436	ug/l	99
28) Bromochloromethane	5.00	49	78966	21.739	ug/l	96
29) Tetrahydrofuran	5.11	42	239111	93.876	ug/l	99
30) Chloroform	5.20	83	172043	18.986	ug/l	99
31) Cyclohexane	5.57	56	154089	18.124	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	139166	18.020	ug/l	99
36) 1,1-Dichloropropene	5.79	75	125643	18.107	ug/l	99
37) Ethyl Acetate	4.81	43	146823	19.161	ug/l	99
38) Carbon Tetrachloride	5.78	117	117060	18.518	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	158060	18.448	ug/l	98
40) Benzene	6.13	78	400895	18.777	ug/l	100
41) Methacrylonitrile	5.03	41	81690	19.214	ug/l	98
42) 1,2-Dichloroethane	6.18	62	135193	18.680	ug/l	99
43) Isopropyl Acetate	6.43	43	236159	18.623	ug/l	100
44) Trichloroethene	7.20	130	109283	18.532	ug/l	94
45) 1,2-Dichloropropane	7.51	63	104719	19.136	ug/l	97
46) Dibromomethane	7.65	93	66455	18.368	ug/l	99
47) Bromodichloromethane	7.89	83	126077	18.503	ug/l	98
48) Methyl methacrylate	7.76	41	114374	18.419	ug/l	99
49) 1,4-Dioxane	7.73	88	42618	337.258	ug/l	95
51) 4-Methyl-2-Pentanone	8.63	43	743342	93.339	ug/l	99
52) Toluene	8.78	92	249620	18.498	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	140325	18.781	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	157749	18.952	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	103324	19.104	ug/l	99
56) Ethyl methacrylate	9.17	69	155302	18.280	ug/l	99
57) 1,3-Dichloropropane	9.36	76	172450	18.951	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	327178	101.761	ug/l	99
59) 2-Hexanone	9.48	43	581761	90.744	ug/l	100
60) Dibromochloromethane	9.57	129	101232	18.830	ug/l	100
61) 1,2-Dibromoethane	9.67	107	105994	19.154	ug/l	98
64) Tetrachloroethene	9.33	164	117215	19.607	ug/l	98
65) Chlorobenzene	10.14	112	265338	18.471	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	95733	18.665	ug/l	100
67) Ethyl Benzene	10.24	91	467925	18.947	ug/l	100
68) m/p-Xylenes	10.35	106	358602	37.753	ug/l	100
69) o-Xylene	10.70	106	172906	18.560	ug/l	98
70) Styrene	10.71	104	293024	18.601	ug/l	99
71) Bromoform	10.85	173	74032	17.956	ug/l #	100
73) Isopropylbenzene	11.01	105	456059	19.330	ug/l	99
74) N-amyl acetate	10.89	43	200215	18.104	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	151896	18.570	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	125481m	17.249	ug/l	
77) Bromobenzene	11.25	156	118787	18.299	ug/l	98
78) n-propylbenzene	11.35	91	518456	19.591	ug/l	100
79) 2-Chlorotoluene	11.42	91	309572	19.244	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	383872	19.333	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	45707	17.734	ug/l	92
82) 4-Chlorotoluene	11.51	91	355142	19.032	ug/l	99
83) tert-Butylbenzene	11.76	119	360175	18.640	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	384678	19.346	ug/l	100
85) sec-Butylbenzene	11.94	105	448109	19.644	ug/l	100
86) p-Isopropyltoluene	12.06	119	409125	19.607	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	211028	18.549	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	212106	18.336	ug/l	100
89) n-Butylbenzene	12.38	91	348032	19.547	ug/l	100
90) Hexachloroethane	12.59	117	67356	17.971	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	208618	18.216	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	29301	16.188	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	136968	18.401	ug/l	97
94) Hexachlorobutadiene	13.77	225	70352	19.666	ug/l	99
95) Naphthalene	13.83	128	404936	18.516	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	140764	19.157	ug/l	99

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

