

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020619\
 Data File : VX007398.D
 Acq On : 06 Feb 2019 14:38
 Operator : JC/SP
 Sample : VX0206WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/7/2019 9:52:58 AM

Quant Time: Feb 07 01:12:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	519054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	744832	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	629110	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	337197	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	267500	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
35) Dibromofluoromethane	5.50	113	237222	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
50) Toluene-d8	8.71	98	876884	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
62) 4-Bromofluorobenzene	11.14	95	290947	44.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	108518	17.131	ug/l	96
3) Chloromethane	1.33	50	99175	16.963	ug/l	98
4) Vinyl Chloride	1.41	62	98304	17.140	ug/l	98
5) Bromomethane	1.64	94	92006	15.889	ug/l	96
6) Chloroethane	1.71	64	72180	19.454	ug/l	98
7) Trichlorofluoromethane	1.89	101	160787	17.920	ug/l	98
8) Diethyl Ether	2.20	74	60821	18.010	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.36	101	93974	17.608	ug/l	99
10) Methyl Iodide	2.50	142	120195	15.309	ug/l	98
11) Tert butyl alcohol	3.17	59	115034m	100.893	ug/l	
12) 1,1-Dichloroethene	2.35	96	85327	17.217	ug/l	97
13) Acrolein	2.31	56	52414	98.034	ug/l	97
14) Allyl chloride	2.71	41	144655	17.914	ug/l	97
15) Acrylonitrile	3.17	53	249702	88.530	ug/l	99
16) Acetone	2.48	43	224573	88.986	ug/l	100
17) Carbon Disulfide	2.55	76	180871	15.486	ug/l	98
18) Methyl Acetate	2.79	43	144660	22.332	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	292995	18.249	ug/l	97
20) Methylene Chloride	2.85	84	95858	18.347	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	89967	17.041	ug/l	95
22) Diisopropyl ether	3.88	45	268831	18.099	ug/l	95
23) Vinyl Acetate	3.82	43	1072497	87.012	ug/l	100
24) 1,1-Dichloroethane	3.69	63	150371	17.628	ug/l	100
25) 2-Butanone	4.72	43	305541	85.073	ug/l	100
26) 2,2-Dichloropropane	4.58	77	106355	16.372	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	96820	16.791	ug/l	99
28) Bromochloromethane	5.02	49	65529	16.705	ug/l	95
29) Tetrahydrofuran	5.17	42	204359	90.472	ug/l	99
30) Chloroform	5.21	83	155481	17.468	ug/l	97
31) Cyclohexane	5.57	56	131324	17.142	ug/l	89
32) 1,1,1-Trichloroethane	5.49	97	128569	17.112	ug/l	99
36) 1,1-Dichloropropene	5.79	75	110746	16.571	ug/l	100
37) Ethyl Acetate	4.87	43	117655	17.416	ug/l	99
38) Carbon Tetrachloride	5.78	117	109727	16.924	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	136526	16.885	ug/l	99
40) Benzene	6.13	78	352660	17.914	ug/l	99
41) Methacrylonitrile	5.07	41	65843	18.185	ug/l	97
42) 1,2-Dichloroethane	6.20	62	119732	17.579	ug/l	99
43) Isopropyl Acetate	6.47	43	179791	17.242	ug/l	100
44) Trichloroethene	7.21	130	101731	17.158	ug/l	97
45) 1,2-Dichloropropane	7.51	63	85995	17.435	ug/l	100
46) Dibromomethane	7.66	93	60643	16.916	ug/l	99
47) Bromodichloromethane	7.90	83	96434	15.873	ug/l	99
48) Methyl methacrylate	7.78	41	90462	17.344	ug/l	99
49) 1,4-Dioxane	7.77	88	46092	392.789	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	622178	90.638	ug/l	99
52) Toluene	8.78	92	219752	17.302	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	101806	15.600	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	120729	16.822	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	89911	16.982	ug/l	97
56) Ethyl methacrylate	9.18	69	123507	16.843	ug/l	99
57) 1,3-Dichloropropane	9.37	76	146065	17.348	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	341073	88.247	ug/l	98
59) 2-Hexanone	9.50	43	481683	90.175	ug/l	100
60) Dibromochloromethane	9.59	129	77943	15.566	ug/l	99
61) 1,2-Dibromoethane	9.67	107	95578	17.047	ug/l	100
64) Tetrachloroethene	9.34	164	103613	17.474	ug/l	97
65) Chlorobenzene	10.14	112	247461	18.026	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	84217	18.297	ug/l	99
67) Ethyl Benzene	10.25	91	403456	18.249	ug/l	99
68) m/p-Xylenes	10.36	106	319684	36.377	ug/l	98
69) o-Xylene	10.70	106	156737	18.535	ug/l	99
70) Styrene	10.71	104	241579	17.615	ug/l	99
71) Bromoform	10.86	173	57198	17.056	ug/l #	99
73) Isopropylbenzene	11.02	105	412561	18.004	ug/l	98
74) N-amyl acetate	10.90	43	165122	18.630	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	142956	20.471	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	126449m	19.279	ug/l	
77) Bromobenzene	11.26	156	114915	17.799	ug/l	99
78) n-propylbenzene	11.36	91	448822	17.862	ug/l	100
79) 2-Chlorotoluene	11.42	91	276276	18.121	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	344463	18.375	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	30232	17.271	ug/l	89
82) 4-Chlorotoluene	11.51	91	313222	17.754	ug/l	99
83) tert-Butylbenzene	11.77	119	354452	19.097	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	358612	18.842	ug/l	99
85) sec-Butylbenzene	11.94	105	417945	18.605	ug/l	99
86) p-Isopropyltoluene	12.06	119	373550	18.421	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	208784	18.019	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	210180	17.880	ug/l	99
89) n-Butylbenzene	12.39	91	288520	16.540	ug/l	99
90) Hexachloroethane	12.60	117	51803	17.069	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	219008	18.993	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	27070	18.643	ug/l	97

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	138894	17.861	ug/l	99
94) Hexachlorobutadiene	13.78	225	71121	18.835	ug/l	98
95) Naphthalene	13.83	128	447375	19.673	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	147447	18.837	ug/l	100

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

