

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030519\
 Data File : VX007848.D
 Acq On : 05 Mar 2019 20:08
 Operator : JC/SP
 Sample : VX0305WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/6/2019 9:49:46 AM

Quant Time: Mar 06 01:12:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	287657	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	422571	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	368198	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	186408	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	151288	42.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.92%	
35) Dibromofluoromethane	5.50	113	134957	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	
50) Toluene-d8	8.71	98	484918	44.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.68%	
62) 4-Bromofluorobenzene	11.13	95	172976	43.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	40484	15.278	ug/l	98
3) Chloromethane	1.33	50	50066	17.050	ug/l	99
4) Vinyl Chloride	1.41	62	52784	17.521	ug/l #	86
5) Bromomethane	1.64	94	27791	13.510	ug/l	99
6) Chloroethane	1.73	64	125912	65.417	ug/l #	85
7) Trichlorofluoromethane	1.93	101	73355	15.883	ug/l	98
8) Diethyl Ether	2.19	74	32628	17.214	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.39	101	44527	15.951	ug/l	99
10) Methyl Iodide	2.51	142	68456	19.695	ug/l	96
11) Tert butyl alcohol	3.07	59	67904	100.441	ug/l	100
12) 1,1-Dichloroethene	2.38	96	43124	17.139	ug/l	97
13) Acrolein	2.30	56	20489	34.106	ug/l	98
14) Allyl chloride	2.73	41	93318	20.057	ug/l	89
15) Acrylonitrile	3.15	53	154753	97.270	ug/l	100
16) Acetone	2.45	43	140592	88.727	ug/l	100
17) Carbon Disulfide	2.57	76	126537	18.076	ug/l	100
18) Methyl Acetate	2.78	43	77581	22.438	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	159143	18.162	ug/l	100
20) Methylene Chloride	2.86	84	49468	16.907	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	46058	16.837	ug/l	92
22) Diisopropyl ether	3.87	45	179799	18.564	ug/l	94
23) Vinyl Acetate	3.82	43	772114	90.865	ug/l	98
24) 1,1-Dichloroethane	3.70	63	94112	17.880	ug/l	97
25) 2-Butanone	4.70	43	222609	92.229	ug/l	95
26) 2,2-Dichloropropane	4.59	77	64432	15.335	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	55875	16.053	ug/l	91
28) Bromochloromethane	5.03	49	50107	19.554	ug/l	86
29) Tetrahydrofuran	5.15	42	146004	91.767	ug/l	94
30) Chloroform	5.21	83	90893	16.121	ug/l	98
31) Cyclohexane	5.57	56	81571	16.475	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	76720	16.453	ug/l	98
36) 1,1-Dichloropropene	5.80	75	66016	17.377	ug/l	97
37) Ethyl Acetate	4.85	43	81289	19.262	ug/l	99
38) Carbon Tetrachloride	5.79	117	70514	18.478	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	79275	16.511	ug/l	95
40) Benzene	6.15	78	207594	17.702	ug/l	98
41) Methacrylonitrile	5.06	41	45940	20.386	ug/l	95
42) 1,2-Dichloroethane	6.20	62	68578	17.398	ug/l	99
43) Isopropyl Acetate	6.46	43	126886	19.536	ug/l	98
44) Trichloroethene	7.21	130	55267	17.131	ug/l	95
45) 1,2-Dichloropropane	7.52	63	56186	18.495	ug/l	98
46) Dibromomethane	7.66	93	35568	16.782	ug/l	98
47) Bromodichloromethane	7.90	83	72244	19.670	ug/l	98
48) Methyl methacrylate	7.77	41	64574	18.967	ug/l	90
49) 1,4-Dioxane	7.75	88	27485	373.776	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	416884	95.888	ug/l	100
52) Toluene	8.79	92	126982	17.171	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	74707	18.247	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	83413	18.715	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	53930	17.488	ug/l	97
56) Ethyl methacrylate	9.18	69	78293	17.853	ug/l	93
57) 1,3-Dichloropropane	9.37	76	88825	17.993	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	210429	87.014	ug/l	96
59) 2-Hexanone	9.49	43	314637	92.180	ug/l	100
60) Dibromochloromethane	9.58	129	60607	20.425	ug/l	99
61) 1,2-Dibromoethane	9.67	107	56231	17.562	ug/l	99
64) Tetrachloroethene	9.34	164	49189	16.456	ug/l	97
65) Chlorobenzene	10.14	112	138885	17.440	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	54448	19.601	ug/l	99
67) Ethyl Benzene	10.25	91	232482	17.623	ug/l	99
68) m/p-Xylenes	10.36	106	180090	35.092	ug/l	98
69) o-Xylene	10.70	106	86590	17.541	ug/l	96
70) Styrene	10.71	104	140913	17.367	ug/l	99
71) Bromoform	10.85	173	49248	23.643	ug/l	99
73) Isopropylbenzene	11.02	105	233515	17.527	ug/l	100
74) N-amyl acetate	10.90	43	107623	18.602	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	82750	17.958	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	79242m	19.943	ug/l	
77) Bromobenzene	11.26	156	62970	18.844	ug/l	95
78) n-propylbenzene	11.36	91	260404	17.297	ug/l	98
79) 2-Chlorotoluene	11.42	91	154938	17.092	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	192046	17.524	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	24027	18.238	ug/l	96
82) 4-Chlorotoluene	11.51	91	178417	16.825	ug/l	98
83) tert-Butylbenzene	11.77	119	203502	19.341	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	197225	17.594	ug/l	98
85) sec-Butylbenzene	11.94	105	229492	17.405	ug/l	98
86) p-Isopropyltoluene	12.06	119	206182	17.856	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	109319	17.637	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	109143	17.193	ug/l	99
89) n-Butylbenzene	12.39	91	167070	16.224	ug/l	99
90) Hexachloroethane	12.60	117	37345	19.195	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	109922	17.724	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17482	17.412	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	75672	19.989	ug/l	99
94) Hexachlorobutadiene	13.78	225	40505	23.388	ug/l	98
95) Naphthalene	13.83	128	227880	18.579	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	76299	20.072	ug/l	99

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

