

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031419\
 Data File : VX008079.D
 Acq On : 14 Mar 2019 19:47
 Operator : JC/SP
 Sample : VX0314WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0314WBS02

Manual Integrations
 APPROVED

MMDadoda
 3/15/2019 9:06:23 AM

Quant Time: Mar 15 05:00:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 03:56:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	308699	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	440768	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	389450	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	192632	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	148108	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	
35) Dibromofluoromethane	5.50	113	137572	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
50) Toluene-d8	8.71	98	526302	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
62) 4-Bromofluorobenzene	11.13	95	183811	48.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	45259	18.316	ug/l	99
3) Chloromethane	1.33	50	47297	16.256	ug/l	99
4) Vinyl Chloride	1.41	62	46222	16.650	ug/l	100
5) Bromomethane	1.64	94	25725	18.078	ug/l	99
6) Chloroethane	1.73	64	30582	20.049	ug/l	99
7) Trichlorofluoromethane	1.93	101	58583	17.582	ug/l	94
8) Diethyl Ether	2.19	74	33119	19.996	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	48600	19.516	ug/l	96
10) Methyl Iodide	2.51	142	70905	20.382	ug/l	96
11) Tert butyl alcohol	3.07	59	62293	103.543	ug/l	99
12) 1,1-Dichloroethene	2.38	96	47031	19.982	ug/l	91
13) Acrolein	2.30	56	46723	84.312	ug/l	100
14) Allyl chloride	2.73	41	84258	19.654	ug/l	98
15) Acrylonitrile	3.15	53	148218	101.034	ug/l	99
16) Acetone	2.45	43	134562	91.532	ug/l	97
17) Carbon Disulfide	2.57	76	133356	19.733	ug/l	99
18) Methyl Acetate	2.78	43	67460	21.231	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	160010	20.107	ug/l	100
20) Methylene Chloride	2.86	84	51837	19.743	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	50610	19.957	ug/l	93
22) Diisopropyl ether	3.87	45	170287	19.988	ug/l	97
23) Vinyl Acetate	3.82	43	725506	100.129	ug/l	98
24) 1,1-Dichloroethane	3.70	63	92646	19.838	ug/l	98
25) 2-Butanone	4.70	43	218402	96.786	ug/l	97
26) 2,2-Dichloropropane	4.59	77	64324	18.028	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	58551	19.423	ug/l	97
28) Bromochloromethane	5.02	49	46530	21.095	ug/l	89
29) Tetrahydrofuran	5.15	42	137102	97.328	ug/l	95
30) Chloroform	5.21	83	90622	19.157	ug/l	100
31) Cyclohexane	5.58	56	85787	19.267	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	75749	19.010	ug/l	97
36) 1,1-Dichloropropene	5.80	75	69404	19.140	ug/l	99
37) Ethyl Acetate	4.85	43	76800	19.706	ug/l	97
38) Carbon Tetrachloride	5.78	117	63987	18.333	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	87103	18.793	ug/l	99
40) Benzene	6.14	78	215923	19.437	ug/l	98
41) Methacrylonitrile	5.06	41	44134	19.451	ug/l	97
42) 1,2-Dichloroethane	6.20	62	67433	18.976	ug/l	99
43) Isopropyl Acetate	6.46	43	121269	19.322	ug/l	97
44) Trichloroethene	7.21	130	60502	18.872	ug/l	100
45) 1,2-Dichloropropane	7.51	63	55777	19.033	ug/l	99
46) Dibromomethane	7.66	93	35339	19.239	ug/l	97
47) Bromodichloromethane	7.90	83	63446	18.162	ug/l	98
48) Methyl methacrylate	7.77	41	61989	18.911	ug/l	95
49) 1,4-Dioxane	7.75	88	28079	397.169	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	396193	95.781	ug/l	97
52) Toluene	8.79	92	135234	19.152	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	68672	17.933	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	79988	18.794	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	55278	19.226	ug/l	98
56) Ethyl methacrylate	9.18	69	83010	19.545	ug/l	95
57) 1,3-Dichloropropane	9.37	76	89286	18.765	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	234535	93.870	ug/l	96
59) 2-Hexanone	9.49	43	303221	93.732	ug/l	98
60) Dibromochloromethane	9.58	129	54304	18.326	ug/l	99
61) 1,2-Dibromoethane	9.67	107	57757	19.171	ug/l	99
64) Tetrachloroethene	9.34	164	60768	19.258	ug/l	99
65) Chlorobenzene	10.14	112	151520	19.605	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	53530	19.517	ug/l	100
67) Ethyl Benzene	10.25	91	248327	19.413	ug/l	100
68) m/p-Xylenes	10.36	106	192683	39.364	ug/l	99
69) o-Xylene	10.69	106	94402	19.784	ug/l	98
70) Styrene	10.71	104	154006	19.701	ug/l	99
71) Bromoform	10.85	173	41420	18.248	ug/l	99
73) Isopropylbenzene	11.02	105	251111	20.353	ug/l	100
74) N-amyl acetate	10.90	43	101323	19.468	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	79925	19.771	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	77430m	23.145	ug/l	
77) Bromobenzene	11.26	156	68268	20.272	ug/l	96
78) n-propylbenzene	11.36	91	267613	19.770	ug/l	99
79) 2-Chlorotoluene	11.42	91	163580	19.788	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	206099	20.272	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	22119	18.814	ug/l	97
82) 4-Chlorotoluene	11.51	91	187523	19.806	ug/l	100
83) tert-Butylbenzene	11.77	119	204575	20.080	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	211617	20.179	ug/l	100
85) sec-Butylbenzene	11.94	105	245182	20.198	ug/l	99
86) p-Isopropyltoluene	12.06	119	220920	20.124	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	116008	19.356	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	116466	19.137	ug/l	99
89) n-Butylbenzene	12.38	91	177155	19.285	ug/l	99
90) Hexachloroethane	12.60	117	33166	18.877	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	116926	19.663	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15419	18.865	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	81255	19.290	ug/l	100
94) Hexachlorobutadiene	13.78	225	43303	18.922	ug/l	98
95) Naphthalene	13.83	128	239390	20.212	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	80770	19.478	ug/l	98

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

