

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030819\
 Data File : VX007937.D
 Acq On : 08 Mar 2019 18:15
 Operator : JC/SP
 Sample : VX0308WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBS02

Manual Integrations
 APPROVED

MMDadoda
 3/11/2019 12:02:20 PM

Quant Time: Mar 09 05:18:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	279709	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	395865	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	356008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	182865	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	138749	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	
35) Dibromofluoromethane	5.50	113	123022	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
50) Toluene-d8	8.71	98	470834	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
62) 4-Bromofluorobenzene	11.13	95	172002	52.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	45172	18.903	ug/l	98
3) Chloromethane	1.33	50	59144	19.205	ug/l	99
4) Vinyl Chloride	1.41	62	59016	19.287	ug/l	100
5) Bromomethane	1.64	94	34130	23.163	ug/l	97
6) Chloroethane	1.73	64	37046	18.224	ug/l	99
7) Trichlorofluoromethane	1.93	101	76092	19.100	ug/l	98
8) Diethyl Ether	2.19	74	32447	18.808	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	48707	19.729	ug/l	99
10) Methyl Iodide	2.51	142	67837	19.368	ug/l	99
11) Tert butyl alcohol	3.06	59	63716	96.559	ug/l	100
12) 1,1-Dichloroethene	2.38	96	44886	18.861	ug/l	98
13) Acrolein	2.30	56	26319	71.587	ug/l	99
14) Allyl chloride	2.73	41	92764	18.550	ug/l	100
15) Acrylonitrile	3.15	53	156114	93.730	ug/l	100
16) Acetone	2.45	43	152494	89.289	ug/l	99
17) Carbon Disulfide	2.57	76	138551	18.892	ug/l	99
18) Methyl Acetate	2.78	43	70529	19.439	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	158906	19.409	ug/l	99
20) Methylene Chloride	2.86	84	52039	19.146	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	48560	18.545	ug/l	97
22) Diisopropyl ether	3.87	45	173613	18.939	ug/l	97
23) Vinyl Acetate	3.82	43	745592	92.752	ug/l	99
24) 1,1-Dichloroethane	3.70	63	94482	19.153	ug/l	99
25) 2-Butanone	4.70	43	222178	91.889	ug/l	99
26) 2,2-Dichloropropane	4.58	77	60304	18.452	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	55862	18.643	ug/l	99
28) Bromochloromethane	5.02	49	43903	19.090	ug/l	99
29) Tetrahydrofuran	5.15	42	139965	92.803	ug/l	99
30) Chloroform	5.21	83	89040	19.081	ug/l	99
31) Cyclohexane	5.57	56	87648	19.332	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	73221	18.912	ug/l	99
36) 1,1-Dichloropropene	5.80	75	68833	19.203	ug/l	100
37) Ethyl Acetate	4.85	43	79199	18.619	ug/l	99
38) Carbon Tetrachloride	5.78	117	63496	18.659	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	87882	20.233	ug/l	96
40) Benzene	6.14	78	209188	19.603	ug/l	98
41) Methacrylonitrile	5.06	41	43990	18.968	ug/l	99
42) 1,2-Dichloroethane	6.20	62	67186	19.252	ug/l	99
43) Isopropyl Acetate	6.46	43	121491	19.299	ug/l	99
44) Trichloroethene	7.21	130	57454	19.537	ug/l	97
45) 1,2-Dichloropropane	7.51	63	55025	19.523	ug/l	99
46) Dibromomethane	7.66	93	34739	19.476	ug/l	99
47) Bromodichloromethane	7.90	83	63308	18.721	ug/l	96
48) Methyl methacrylate	7.77	41	63791	19.273	ug/l	98
49) 1,4-Dioxane	7.74	88	26279	386.508	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	407301	100.605	ug/l	100
52) Toluene	8.78	92	130820	20.080	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	66956	18.969	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	77391	19.416	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	53326	20.220	ug/l	97
56) Ethyl methacrylate	9.18	69	79869	20.170	ug/l	99
57) 1,3-Dichloropropane	9.37	76	88457	19.975	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	199941	97.611	ug/l	99
59) 2-Hexanone	9.49	43	310914	98.917	ug/l	100
60) Dibromochloromethane	9.58	129	53227	19.309	ug/l	100
61) 1,2-Dibromoethane	9.67	107	55442	19.800	ug/l	100
64) Tetrachloroethene	9.34	164	58854	19.949	ug/l	99
65) Chlorobenzene	10.13	112	146477	19.662	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	51186	19.171	ug/l	99
67) Ethyl Benzene	10.25	91	247247	20.162	ug/l	100
68) m/p-Xylenes	10.36	106	189865	40.168	ug/l	99
69) o-Xylene	10.69	106	91461	20.042	ug/l	99
70) Styrene	10.71	104	150786	20.192	ug/l	99
71) Bromoform	10.85	173	41942	18.292	ug/l #	100
73) Isopropylbenzene	11.02	105	249274	20.156	ug/l	100
74) N-amyl acetate	10.90	43	104690	18.542	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	79846	18.717	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	76475m	19.930	ug/l	
77) Bromobenzene	11.26	156	66015	19.469	ug/l	100
78) n-propylbenzene	11.36	91	278449	20.295	ug/l	99
79) 2-Chlorotoluene	11.42	91	167292	19.942	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	205474	20.186	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	21183	17.646	ug/l	93
82) 4-Chlorotoluene	11.51	91	188970	19.656	ug/l	99
83) tert-Butylbenzene	11.77	119	200333	19.538	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	210431	20.166	ug/l	100
85) sec-Butylbenzene	11.94	105	248401	20.570	ug/l	99
86) p-Isopropyltoluene	12.06	119	220742	20.411	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	117520	19.591	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	117073	19.057	ug/l	99
89) n-Butylbenzene	12.39	91	187096	20.420	ug/l	99
90) Hexachloroethane	12.60	117	33961	18.782	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	115709	19.417	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15628	17.529	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	82322	19.664	ug/l	99
94) Hexachlorobutadiene	13.78	225	45683	20.872	ug/l	98
95) Naphthalene	13.83	128	230677	19.124	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	81085	19.443	ug/l	98

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

