

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072619\
 Data File : VX011087.D
 Acq On : 26 Jul 2019 13:52
 Operator : JC/SP
 Sample : VX0726WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/29/2019 11:53:39 AM

Quant Time: Jul 27 03:14:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	200033	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	296897	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	268418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	142515	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	105511	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
35) Dibromofluoromethane	5.50	113	94046	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
50) Toluene-d8	8.71	98	346304	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	
62) 4-Bromofluorobenzene	11.13	95	128420	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	38086	18.207	ug/l	100
3) Chloromethane	1.33	50	33632	18.283	ug/l	100
4) Vinyl Chloride	1.41	62	35431	18.884	ug/l	98
5) Bromomethane	1.64	94	21541	20.373	ug/l	98
6) Chloroethane	1.72	64	23935	20.074	ug/l	98
7) Trichlorofluoromethane	1.93	101	61892	19.487	ug/l	98
8) Diethyl Ether	2.19	74	20661	18.881	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	34154	18.834	ug/l	99
10) Methyl Iodide	2.51	142	37238	15.648	ug/l	99
11) Tert butyl alcohol	3.04	59	48679	98.222	ug/l	100
12) 1,1-Dichloroethene	2.37	96	34117	19.148	ug/l	98
13) Acrolein	2.29	56	17733	61.930	ug/l	100
14) Allyl chloride	2.73	41	47708	18.434	ug/l	99
15) Acrylonitrile	3.14	53	96325	96.185	ug/l	99
16) Acetone	2.44	43	88554	92.135	ug/l	95
17) Carbon Disulfide	2.57	76	71343	15.610	ug/l	98
18) Methyl Acetate	2.78	43	45056	20.587	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	111477	19.435	ug/l	95
20) Methylene Chloride	2.85	84	38232	18.770	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	35094	18.563	ug/l	96
22) Diisopropyl ether	3.86	45	106043	19.428	ug/l	91
23) Vinyl Acetate	3.82	43	442114	95.595	ug/l	100
24) 1,1-Dichloroethane	3.70	63	60306	19.024	ug/l	99
25) 2-Butanone	4.67	43	131430	95.261	ug/l	99
26) 2,2-Dichloropropane	4.58	77	48488	18.629	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	40856	18.673	ug/l	99
28) Bromochloromethane	5.02	49	26748	17.906	ug/l	98
29) Tetrahydrofuran	5.13	42	83652	95.717	ug/l	100
30) Chloroform	5.21	83	65783	19.199	ug/l	97
31) Cyclohexane	5.58	56	52511	18.174	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	56101	18.925	ug/l	98
36) 1,1-Dichloropropene	5.80	75	45983	18.855	ug/l	99
37) Ethyl Acetate	4.83	43	47278	18.932	ug/l	96
38) Carbon Tetrachloride	5.79	117	48616	19.131	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	56126	17.747	ug/l	99
40) Benzene	6.14	78	145323	19.453	ug/l	99
41) Methacrylonitrile	5.04	41	26270	18.531	ug/l	98
42) 1,2-Dichloroethane	6.19	62	50239	19.342	ug/l	97
43) Isopropyl Acetate	6.45	43	79202	19.289	ug/l	99
44) Trichloroethene	7.21	130	41182	18.624	ug/l	88
45) 1,2-Dichloropropane	7.51	63	35907	18.885	ug/l	98
46) Dibromomethane	7.66	93	26155	19.251	ug/l	99
47) Bromodichloromethane	7.90	83	46783	19.344	ug/l	100
48) Methyl methacrylate	7.77	41	38374	19.184	ug/l	98
49) 1,4-Dioxane	7.74	88	22620	404.265	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	261513	98.248	ug/l	100
52) Toluene	8.78	92	94190	19.193	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	48991	18.839	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	54459	18.820	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	39746	19.670	ug/l	97
56) Ethyl methacrylate	9.18	69	57315	19.391	ug/l	97
57) 1,3-Dichloropropane	9.37	76	62344	19.449	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	138920	98.459	ug/l	99
59) 2-Hexanone	9.49	43	203186	98.419	ug/l	99
60) Dibromochloromethane	9.58	129	38451	18.226	ug/l	97
61) 1,2-Dibromoethane	9.67	107	41154	19.191	ug/l	99
64) Tetrachloroethene	9.34	164	40548	19.203	ug/l	95
65) Chlorobenzene	10.13	112	105002	19.046	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	38494	19.867	ug/l	99
67) Ethyl Benzene	10.25	91	183425	19.547	ug/l	99
68) m/p-Xylenes	10.36	106	140633	39.069	ug/l	99
69) o-Xylene	10.69	106	67757	19.287	ug/l	99
70) Styrene	10.71	104	115427	19.710	ug/l	100
71) Bromoform	10.85	173	28268	17.755	ug/l	100
73) Isopropylbenzene	11.02	105	183729	19.079	ug/l	99
74) N-amyl acetate	10.90	43	69615	18.920	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	60710	19.265	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	50505m	19.638	ug/l	
77) Bromobenzene	11.26	156	49629	18.684	ug/l	98
78) n-propylbenzene	11.36	91	204372	19.208	ug/l	99
79) 2-Chlorotoluene	11.42	91	123396	19.306	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	156017	19.389	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	15255	17.812	ug/l	92
82) 4-Chlorotoluene	11.51	91	141849	19.068	ug/l	99
83) tert-Butylbenzene	11.77	119	152153	19.251	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	156000	19.235	ug/l	100
85) sec-Butylbenzene	11.94	105	183948	19.862	ug/l	100
86) p-Isopropyltoluene	12.06	119	166528	19.450	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	90119	19.550	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	88710	18.764	ug/l	98
89) n-Butylbenzene	12.38	91	140117	19.129	ug/l	100
90) Hexachloroethane	12.59	117	24175	17.902	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	90877	19.892	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13207	20.049	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	61463	19.852	ug/l	97
94) Hexachlorobutadiene	13.78	225	30400	19.814	ug/l	98
95) Naphthalene	13.83	128	192191	21.021	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	61325	19.907	ug/l	98

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

