

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX093019\
 Data File : VX012698.D
 Acq On : 30 Sep 2019 12:25
 Operator : JC/SP
 Sample : VX0930WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0930WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/1/2019 10:07:39 AM

Quant Time: Oct 01 04:05:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	185951	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	324284	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	293090	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	131511	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	134937	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
35) Dibromofluoromethane	5.48	113	101339	52.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.94%	
50) Toluene-d8	8.71	98	380813	51.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.40%	
62) 4-Bromofluorobenzene	11.14	95	145256	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	36134	17.273	ug/l	98
3) Chloromethane	1.32	50	43011	17.906	ug/l	97
4) Vinyl Chloride	1.40	62	42632	17.856	ug/l	95
5) Bromomethane	1.63	94	19442	20.711	ug/l	94
6) Chloroethane	1.72	64	28445	17.672	ug/l	96
7) Trichlorofluoromethane	1.92	101	61249	18.271	ug/l	96
8) Diethyl Ether	2.18	74	25978	18.910	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	37489	18.361	ug/l	97
10) Methyl Iodide	2.50	142	30608	17.773	ug/l	94
11) Tert butyl alcohol	3.03	59	68499	101.266	ug/l	97
12) 1,1-Dichloroethene	2.36	96	37449	18.731	ug/l	97
13) Acrolein	2.28	56	36503	103.141	ug/l	98
14) Allyl chloride	2.72	41	73194	18.452	ug/l	98
15) Acrylonitrile	3.13	53	129438	94.320	ug/l	98
16) Acetone	2.43	43	121098	84.432	ug/l	99
17) Carbon Disulfide	2.56	76	97657	17.423	ug/l	100
18) Methyl Acetate	2.76	43	63399	18.772	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	142875	18.880	ug/l	99
20) Methylene Chloride	2.84	84	44930	18.521	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	41603	18.783	ug/l	98
22) Diisopropyl ether	3.84	45	145477	18.980	ug/l	99
23) Vinyl Acetate	3.80	43	629217	93.613	ug/l	98
24) 1,1-Dichloroethane	3.69	63	78200	18.770	ug/l	98
25) 2-Butanone	4.66	43	184072	89.506	ug/l	95
26) 2,2-Dichloropropane	4.57	77	67231	18.144	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	47874	18.628	ug/l	95
28) Bromochloromethane	5.00	49	29278	19.354	ug/l	97
29) Tetrahydrofuran	5.12	42	117105	93.425	ug/l	98
30) Chloroform	5.20	83	80232	18.823	ug/l	99
31) Cyclohexane	5.57	56	70512	18.708	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	70356	18.624	ug/l	99
36) 1,1-Dichloropropene	5.79	75	59262	18.959	ug/l	98
37) Ethyl Acetate	4.82	43	68077	18.629	ug/l	97
38) Carbon Tetrachloride	5.78	117	59844	18.847	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	70059	18.618	ug/l	97
40) Benzene	6.13	78	176051	19.143	ug/l	99
41) Methacrylonitrile	5.03	41	36863	17.979	ug/l	96
42) 1,2-Dichloroethane	6.18	62	66000	18.898	ug/l	98
43) Isopropyl Acetate	6.43	43	112233	18.365	ug/l	97
44) Trichloroethene	7.21	130	45085	19.176	ug/l	95
45) 1,2-Dichloropropane	7.51	63	45209	19.200	ug/l	98
46) Dibromomethane	7.66	93	30113	18.784	ug/l	95
47) Bromodichloromethane	7.89	83	59834	18.674	ug/l	99
48) Methyl methacrylate	7.76	41	54159	18.482	ug/l	93
49) 1,4-Dioxane	7.73	88	26180	393.898	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	356452	94.491	ug/l	97
52) Toluene	8.78	92	111491	19.288	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	66738	18.826	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	72417	18.709	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	45087	19.619	ug/l	97
56) Ethyl methacrylate	9.17	69	73043	18.919	ug/l	94
57) 1,3-Dichloropropane	9.37	76	78102	19.419	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	174581	100.739	ug/l	98
59) 2-Hexanone	9.49	43	269673	93.394	ug/l	96
60) Dibromochloromethane	9.57	129	45608	19.605	ug/l	97
61) 1,2-Dibromoethane	9.67	107	46081	19.267	ug/l	99
64) Tetrachloroethene	9.33	164	40050	19.599	ug/l	91
65) Chlorobenzene	10.14	112	115408	18.699	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	42544	19.025	ug/l	98
67) Ethyl Benzene	10.25	91	210662	18.819	ug/l	99
68) m/p-Xylenes	10.35	106	157469	37.552	ug/l	99
69) o-Xylene	10.70	106	76539	18.863	ug/l	98
70) Styrene	10.71	104	128973	18.960	ug/l	99
71) Bromoform	10.85	173	29520	18.958	ug/l #	98
73) Isopropylbenzene	11.01	105	208097	19.428	ug/l	100
74) N-amyl acetate	10.89	43	94673	18.527	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	66919	18.864	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	66655m	19.160	ug/l	
77) Bromobenzene	11.25	156	46135	19.031	ug/l	100
78) n-propylbenzene	11.35	91	222379	18.441	ug/l	100
79) 2-Chlorotoluene	11.42	91	140144	18.630	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	172297	19.182	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	21278	17.528	ug/l	99
82) 4-Chlorotoluene	11.51	91	160574	18.725	ug/l	98
83) tert-Butylbenzene	11.76	119	167081	19.283	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	173539	19.152	ug/l	99
85) sec-Butylbenzene	11.94	105	194984	19.348	ug/l	100
86) p-Isopropyltoluene	12.06	119	176636	19.425	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	81764	18.742	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	82620	18.741	ug/l	98
89) n-Butylbenzene	12.38	91	144216	17.998	ug/l	99
90) Hexachloroethane	12.59	117	30351	18.722	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	82704	18.935	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	16722	18.845	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	48057	18.042	ug/l	99
94) Hexachlorobutadiene	13.77	225	22524	19.656	ug/l	99
95) Naphthalene	13.83	128	178792	18.552	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	50672	18.991	ug/l	99

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

