

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092619\
 Data File : VX012670.D
 Acq On : 26 Sep 2019 13:36
 Operator : JC/SP
 Sample : VX0926WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/27/2019 8:54:00 AM

Quant Time: Sep 27 00:27:57 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	189746	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	337869	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	303142	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	135972	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	140224	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
35) Dibromofluoromethane	5.49	113	104340	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
50) Toluene-d8	8.71	98	395352	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
62) 4-Bromofluorobenzene	11.14	95	155508	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	43146	20.213	ug/l	99
3) Chloromethane	1.32	50	47333	19.311	ug/l	97
4) Vinyl Chloride	1.40	62	48939	20.087	ug/l	98
5) Bromomethane	1.63	94	21569	22.517	ug/l	100
6) Chloroethane	1.72	64	33349	20.305	ug/l	95
7) Trichlorofluoromethane	1.92	101	68238	19.949	ug/l	98
8) Diethyl Ether	2.18	74	28532	20.354	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	42586	20.440	ug/l	95
10) Methyl Iodide	2.50	142	32751	18.396	ug/l	96
11) Tert butyl alcohol	3.03	59	76410	110.702	ug/l	98
12) 1,1-Dichloroethene	2.36	96	40632	19.917	ug/l	98
13) Acrolein	2.28	56	13920	44.954	ug/l	99
14) Allyl chloride	2.72	41	81567	20.152	ug/l	98
15) Acrylonitrile	3.13	53	142552	101.798	ug/l	100
16) Acetone	2.44	43	136729	93.423	ug/l	98
17) Carbon Disulfide	2.56	76	110070	19.245	ug/l	99
18) Methyl Acetate	2.77	43	70721	20.522	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	158317	20.502	ug/l	100
20) Methylene Chloride	2.84	84	49061	19.819	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	45748	20.241	ug/l	93
22) Diisopropyl ether	3.85	45	160987	20.584	ug/l	94
23) Vinyl Acetate	3.80	43	705208	102.820	ug/l	99
24) 1,1-Dichloroethane	3.69	63	86696	20.393	ug/l	98
25) 2-Butanone	4.66	43	208148	99.189	ug/l	100
26) 2,2-Dichloropropane	4.57	77	71790	18.987	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	52374	19.971	ug/l	97
28) Bromochloromethane	5.00	49	33894	21.957	ug/l	96
29) Tetrahydrofuran	5.12	42	133045	104.019	ug/l	98
30) Chloroform	5.20	83	87451	20.106	ug/l	94
31) Cyclohexane	5.57	56	79701	20.723	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	76845	19.935	ug/l	100
36) 1,1-Dichloropropene	5.79	75	64992	19.956	ug/l	99
37) Ethyl Acetate	4.83	43	78308	20.567	ug/l	98
38) Carbon Tetrachloride	5.77	117	64960	19.636	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	78294	19.970	ug/l	97
40) Benzene	6.14	78	192906	20.132	ug/l	98
41) Methacrylonitrile	5.03	41	42464	19.878	ug/l	96
42) 1,2-Dichloroethane	6.19	62	73745	20.267	ug/l	99
43) Isopropyl Acetate	6.44	43	128420	20.169	ug/l	99
44) Trichloroethene	7.20	130	47661	19.456	ug/l	99
45) 1,2-Dichloropropane	7.51	63	49583	20.211	ug/l	99
46) Dibromomethane	7.65	93	32857	19.671	ug/l	95
47) Bromodichloromethane	7.89	83	66331	19.870	ug/l #	96
48) Methyl methacrylate	7.76	41	61712	20.213	ug/l	95
49) 1,4-Dioxane	7.73	88	29039	419.346	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	401775	102.224	ug/l	98
52) Toluene	8.78	92	120795	20.057	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	72108	19.523	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	79571	19.731	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	49411	20.636	ug/l	97
56) Ethyl methacrylate	9.17	69	79001	19.640	ug/l	96
57) 1,3-Dichloropropane	9.37	76	84699	20.212	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	191909	106.285	ug/l	97
59) 2-Hexanone	9.49	43	306180	101.773	ug/l	97
60) Dibromochloromethane	9.58	129	48534	20.024	ug/l	97
61) 1,2-Dibromoethane	9.67	107	51870	20.816	ug/l	100
64) Tetrachloroethene	9.33	164	42852	20.275	ug/l	93
65) Chlorobenzene	10.14	112	124730	19.539	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	44559	19.265	ug/l	97
67) Ethyl Benzene	10.25	91	233052	20.129	ug/l	99
68) m/p-Xylenes	10.36	106	172161	39.694	ug/l	98
69) o-Xylene	10.70	106	83191	19.823	ug/l	96
70) Styrene	10.71	104	141911	20.171	ug/l	99
71) Bromoform	10.86	173	30493	18.934	ug/l #	99
73) Isopropylbenzene	11.01	105	226312	20.435	ug/l	99
74) N-amyl acetate	10.89	43	104976	19.869	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	75080	20.471	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	73931m	20.555	ug/l	
77) Bromobenzene	11.25	156	49794	19.866	ug/l	94
78) n-propylbenzene	11.35	91	250353	20.080	ug/l	100
79) 2-Chlorotoluene	11.42	91	156086	20.068	ug/l	96
80) 1,3,5-Trimethylbenzene	11.50	105	187712	20.213	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	23378	18.627	ug/l	99
82) 4-Chlorotoluene	11.51	91	179447	20.239	ug/l	97
83) tert-Butylbenzene	11.77	119	181708	20.283	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	191884	20.482	ug/l	99
85) sec-Butylbenzene	11.94	105	214047	20.543	ug/l	98
86) p-Isopropyltoluene	12.06	119	192917	20.519	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	91249	20.230	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	90854	19.933	ug/l	98
89) n-Butylbenzene	12.39	91	164693	19.879	ug/l	99
90) Hexachloroethane	12.59	117	31596	18.850	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	90837	20.115	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	18062	19.687	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	54798	19.898	ug/l	99
94) Hexachlorobutadiene	13.78	225	24637	20.795	ug/l	97
95) Naphthalene	13.83	128	210549	21.131	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	57905	20.990	ug/l	99

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

