

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122619\
 Data File : VX014291.D
 Acq On : 27 Dec 2019 00:52
 Operator : JC/SP
 Sample : VX1226WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226WBSD02

Manual Integrations
 APPROVED

apatel
 12/27/2019 12:03:31 PM

Quant Time: Dec 27 07:46:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	477044	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	752644	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	666081	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	325153	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	279909	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	
35) Dibromofluoromethane	5.49	113	229565	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
50) Toluene-d8	8.71	98	893135	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
62) 4-Bromofluorobenzene	11.13	95	305873	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	74327	17.416	ug/l	99
3) Chloromethane	1.32	50	105189	18.366	ug/l	100
4) Vinyl Chloride	1.40	62	111158	18.393	ug/l	98
5) Bromomethane	1.63	94	71416	16.650	ug/l	97
6) Chloroethane	1.72	64	70579	18.922	ug/l	93
7) Trichlorofluoromethane	1.92	101	141298	18.887	ug/l	100
8) Diethyl Ether	2.18	74	69731	19.860	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	85646	18.992	ug/l	100
10) Methyl Iodide	2.50	142	98619	18.334	ug/l	100
11) Tert butyl alcohol	3.03	59	123872	106.032	ug/l	99
12) 1,1-Dichloroethene	2.37	96	87714	19.115	ug/l	92
13) Acrolein	2.28	56	58170	86.984	ug/l	99
14) Allyl chloride	2.72	41	158149	19.302	ug/l	98
15) Acrylonitrile	3.13	53	294823	108.121	ug/l	98
16) Acetone	2.43	43	254299	72.449	ug/l	99
17) Carbon Disulfide	2.56	76	216552	17.494	ug/l	99
18) Methyl Acetate	2.76	43	152261	21.891	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	304419	20.188	ug/l	99
20) Methylene Chloride	2.85	84	106518	19.271	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	94474	18.687	ug/l	98
22) Diisopropyl ether	3.84	45	337616	20.678	ug/l #	85
23) Vinyl Acetate	3.80	43	1387951	104.170	ug/l	99
24) 1,1-Dichloroethane	3.69	63	179858	19.800	ug/l	100
25) 2-Butanone	4.66	43	403070	93.142	ug/l	99
26) 2,2-Dichloropropane	4.57	77	105266	14.925	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	110988	19.412	ug/l	99
28) Bromochloromethane	5.01	49	78373	22.684	ug/l	100
29) Tetrahydrofuran	5.12	42	262635	108.505	ug/l	100
30) Chloroform	5.20	83	172361	20.016	ug/l	99
31) Cyclohexane	5.57	56	156433	19.363	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	140473	19.140	ug/l	99
36) 1,1-Dichloropropene	5.79	75	123850	17.934	ug/l	98
37) Ethyl Acetate	4.82	43	157348	20.633	ug/l	99
38) Carbon Tetrachloride	5.78	117	117131	18.618	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	150772	17.681	ug/l	98
40) Benzene	6.14	78	406166	19.115	ug/l	98
41) Methacrylonitrile	5.03	41	85033	20.096	ug/l	98
42) 1,2-Dichloroethane	6.19	62	140964	19.571	ug/l	98
43) Isopropyl Acetate	6.44	43	252127	19.977	ug/l	99
44) Trichloroethene	7.21	130	109398	18.640	ug/l	96
45) 1,2-Dichloropropane	7.51	63	109296	20.068	ug/l	97
46) Dibromomethane	7.65	93	67683	18.797	ug/l	99
47) Bromodichloromethane	7.89	83	127988	18.873	ug/l	97
48) Methyl methacrylate	7.76	41	122529	19.827	ug/l	98
49) 1,4-Dioxane	7.73	88	51861	412.361	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	810232	102.223	ug/l	98
52) Toluene	8.78	92	251135	18.699	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	133888	18.005	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	152742	18.438	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	103067	19.147	ug/l	98
56) Ethyl methacrylate	9.17	69	162557	19.225	ug/l	99
57) 1,3-Dichloropropane	9.37	76	177951	19.649	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	322201	100.691	ug/l	100
59) 2-Hexanone	9.48	43	610780	95.726	ug/l	98
60) Dibromochloromethane	9.57	129	102442	19.146	ug/l	99
61) 1,2-Dibromoethane	9.67	107	107236	19.471	ug/l	98
64) Tetrachloroethene	9.33	164	115356	19.572	ug/l	97
65) Chlorobenzene	10.14	112	266560	18.822	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	98437	19.466	ug/l	99
67) Ethyl Benzene	10.25	91	465684	19.126	ug/l	100
68) m/p-Xylenes	10.36	106	355617	37.974	ug/l	99
69) o-Xylene	10.70	106	176020	19.165	ug/l	98
70) Styrene	10.71	104	292293	18.820	ug/l	98
71) Bromoform	10.86	173	75303	18.525	ug/l	100
73) Isopropylbenzene	11.01	105	459302	20.063	ug/l	99
74) N-amyl acetate	10.89	43	206344	19.229	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	159586	20.107	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	149911m	21.237	ug/l	
77) Bromobenzene	11.25	156	119956	19.044	ug/l	99
78) n-propylbenzene	11.35	91	508265	19.793	ug/l	100
79) 2-Chlorotoluene	11.42	91	308030	19.733	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	381746	19.813	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	42686	17.068	ug/l	93
82) 4-Chlorotoluene	11.51	91	350618	19.364	ug/l	98
83) tert-Butylbenzene	11.76	119	357291	19.055	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	380963	19.744	ug/l	100
85) sec-Butylbenzene	11.94	105	435305	19.666	ug/l	100
86) p-Isopropyltoluene	12.06	119	396598	19.587	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	207178	18.767	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	208573	18.581	ug/l	99
89) n-Butylbenzene	12.39	91	318126	18.414	ug/l	100
90) Hexachloroethane	12.59	117	66256	18.218	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	208783	18.788	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	32817	18.684	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	130932	18.127	ug/l	98
94) Hexachlorobutadiene	13.78	225	63100	18.178	ug/l	97
95) Naphthalene	13.83	128	409802	19.311	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	134947	18.927	ug/l	98

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

