

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122619\
 Data File : VX014267.D
 Acq On : 26 Dec 2019 14:24
 Operator : JC/SP
 Sample : VX1226WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226WBSD01

Manual Integrations
 APPROVED

apatel
 12/27/2019 12:03:14 PM

Quant Time: Dec 27 06:55:22 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	485088	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	752629	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	665047	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	317321	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	287871	52.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.72%	
35) Dibromofluoromethane	5.49	113	241375	52.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.52%	
50) Toluene-d8	8.71	98	924885	51.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.84%	
62) 4-Bromofluorobenzene	11.13	95	318273	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	72871	16.792	ug/l	98
3) Chloromethane	1.32	50	106184	18.232	ug/l	96
4) Vinyl Chloride	1.40	62	112434	18.296	ug/l	97
5) Bromomethane	1.63	94	68248	15.647	ug/l	100
6) Chloroethane	1.72	64	76462	20.160	ug/l	99
7) Trichlorofluoromethane	1.92	101	140406	18.457	ug/l	100
8) Diethyl Ether	2.18	74	65720	18.407	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	86212	18.800	ug/l	99
10) Methyl Iodide	2.50	142	98070	17.987	ug/l	99
11) Tert butyl alcohol	3.03	59	116748	98.277	ug/l	100
12) 1,1-Dichloroethene	2.37	96	86094	18.450	ug/l	99
13) Acrolein	2.28	56	64047	94.184	ug/l	96
14) Allyl chloride	2.72	41	163710	19.650	ug/l	99
15) Acrylonitrile	3.13	53	279975	100.974	ug/l	98
16) Acetone	2.43	43	244857	68.602	ug/l	97
17) Carbon Disulfide	2.56	76	214689	17.074	ug/l	100
18) Methyl Acetate	2.76	43	144942	20.493	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	296089	19.310	ug/l	98
20) Methylene Chloride	2.85	84	103987	18.501	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	94391	18.361	ug/l	98
22) Diisopropyl ether	3.84	45	338271	20.375	ug/l	99
23) Vinyl Acetate	3.80	43	1410631	104.117	ug/l	99
24) 1,1-Dichloroethane	3.69	63	175901	19.043	ug/l	99
25) 2-Butanone	4.65	43	391153	88.889	ug/l	98
26) 2,2-Dichloropropane	4.57	77	131209	18.295	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	110066	18.931	ug/l	99
28) Bromochloromethane	5.00	49	81096	23.075	ug/l	99
29) Tetrahydrofuran	5.11	42	253737	103.091	ug/l	100
30) Chloroform	5.20	83	169520	19.360	ug/l	98
31) Cyclohexane	5.57	56	157448	19.165	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	141133	18.911	ug/l	98
36) 1,1-Dichloropropene	5.79	75	125701	18.202	ug/l	99
37) Ethyl Acetate	4.82	43	153725	20.158	ug/l	98
38) Carbon Tetrachloride	5.78	117	114525	18.204	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	150535	17.654	ug/l	96
40) Benzene	6.14	78	400882	18.867	ug/l	98
41) Methacrylonitrile	5.03	41	81536	19.270	ug/l	96
42) 1,2-Dichloroethane	6.19	62	137555	19.098	ug/l	100
43) Isopropyl Acetate	6.44	43	246063	19.497	ug/l	100
44) Trichloroethene	7.21	130	106128	18.083	ug/l	95
45) 1,2-Dichloropropane	7.51	63	104664	19.218	ug/l	97
46) Dibromomethane	7.65	93	66313	18.417	ug/l	99
47) Bromodichloromethane	7.89	83	127655	18.824	ug/l	98
48) Methyl methacrylate	7.76	41	117789	19.060	ug/l	99
49) 1,4-Dioxane	7.73	88	52952	421.044	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	787263	99.327	ug/l	99
52) Toluene	8.78	92	248788	18.524	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	135381	18.207	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	157470	19.009	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	102879	19.113	ug/l	99
56) Ethyl methacrylate	9.17	69	160979	19.039	ug/l	99
57) 1,3-Dichloropropane	9.37	76	176924	19.536	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	322955	100.928	ug/l	100
59) 2-Hexanone	9.48	43	594036	93.103	ug/l	99
60) Dibromochloromethane	9.57	129	100230	18.733	ug/l	99
61) 1,2-Dibromoethane	9.67	107	105767	19.204	ug/l	99
64) Tetrachloroethene	9.33	164	109293	18.572	ug/l	99
65) Chlorobenzene	10.14	112	265756	18.794	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	97981	19.406	ug/l	99
67) Ethyl Benzene	10.25	91	460129	18.927	ug/l	99
68) m/p-Xylenes	10.36	106	349866	37.418	ug/l	99
69) o-Xylene	10.70	106	169743	18.510	ug/l	98
70) Styrene	10.71	104	288525	18.606	ug/l	100
71) Bromoform	10.85	173	74266	18.299	ug/l #	99
73) Isopropylbenzene	11.01	105	452254	20.242	ug/l	100
74) N-amyl acetate	10.89	43	199104	19.012	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	155526	20.079	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	131028m	19.020	ug/l	
77) Bromobenzene	11.25	156	117542	19.122	ug/l	99
78) n-propylbenzene	11.35	91	496092	19.796	ug/l	100
79) 2-Chlorotoluene	11.42	91	302170	19.836	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	367187	19.528	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	45920	18.814	ug/l	92
82) 4-Chlorotoluene	11.51	91	336866	19.064	ug/l	100
83) tert-Butylbenzene	11.76	119	365782	19.990	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	369471	19.621	ug/l	100
85) sec-Butylbenzene	11.94	105	425393	19.693	ug/l	100
86) p-Isopropyltoluene	12.06	119	386066	19.538	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	199554	18.523	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	198031	18.078	ug/l	99
89) n-Butylbenzene	12.39	91	314320	18.642	ug/l	99
90) Hexachloroethane	12.59	117	67394	18.988	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	203987	18.809	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	31510	18.383	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	122376	17.361	ug/l	98
94) Hexachlorobutadiene	13.78	225	61194	18.064	ug/l	97
95) Naphthalene	13.83	128	373736	18.046	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	126694	18.208	ug/l	98

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

