

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX123119\
 Data File : VX014373.D
 Acq On : 31 Dec 2019 12:24
 Operator : JC/SP
 Sample : VX1231WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1231WBS01

Manual Integrations
 APPROVED

apatel
 1/2/2020 9:54:13 AM

Quant Time: Jan 01 03:53:56 2020
 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	456878	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	711016	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	638024	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	314308	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	275073	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	
35) Dibromofluoromethane	5.49	113	229814	53.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.34%	
50) Toluene-d8	8.71	98	872929	51.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.76%	
62) 4-Bromofluorobenzene	11.13	95	311161	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	67272	16.459	ug/l	98
3) Chloromethane	1.32	50	101413	18.488	ug/l	99
4) Vinyl Chloride	1.40	62	106592	18.416	ug/l	96
5) Bromomethane	1.64	94	64709	15.752	ug/l	98
6) Chloroethane	1.72	64	72732	20.360	ug/l	95
7) Trichlorofluoromethane	1.92	101	137899	19.246	ug/l	99
8) Diethyl Ether	2.18	74	65296	19.418	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	84529	19.571	ug/l	99
10) Methyl Iodide	2.50	142	79424	15.834	ug/l	98
11) Tert butyl alcohol	3.03	59	112680	100.709	ug/l	98
12) 1,1-Dichloroethene	2.37	96	83948	19.101	ug/l	97
13) Acrolein	2.28	56	56719	88.558	ug/l	96
14) Allyl chloride	2.72	41	158121	20.151	ug/l	98
15) Acrylonitrile	3.13	53	282059	108.006	ug/l	99
16) Acetone	2.43	43	313933	93.386	ug/l	99
17) Carbon Disulfide	2.56	76	201399	17.009	ug/l	99
18) Methyl Acetate	2.76	43	144647	21.714	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	295639	20.471	ug/l	99
20) Methylene Chloride	2.85	84	103086	19.473	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	89748	18.536	ug/l	99
22) Diisopropyl ether	3.84	45	332331	21.253	ug/l	99
23) Vinyl Acetate	3.80	43	1372853	107.585	ug/l	99
24) 1,1-Dichloroethane	3.69	63	174604	20.070	ug/l	98
25) 2-Butanone	4.66	43	425537	102.674	ug/l	99
26) 2,2-Dichloropropane	4.57	77	133729	19.798	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	108476	19.810	ug/l	99
28) Bromochloromethane	5.01	49	81575	24.614	ug/l	97
29) Tetrahydrofuran	5.11	42	252758	109.034	ug/l	97
30) Chloroform	5.20	83	168490	20.430	ug/l	100
31) Cyclohexane	5.57	56	151343	19.559	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	137230	19.524	ug/l	99
36) 1,1-Dichloropropene	5.79	75	120337	18.445	ug/l	100
37) Ethyl Acetate	4.82	43	149010	20.683	ug/l	99
38) Carbon Tetrachloride	5.78	117	114248	19.223	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	147507	18.311	ug/l	97
40) Benzene	6.14	78	393542	19.605	ug/l	99
41) Methacrylonitrile	5.03	41	82076	20.533	ug/l	98
42) 1,2-Dichloroethane	6.18	62	134284	19.735	ug/l	98
43) Isopropyl Acetate	6.43	43	242415	20.332	ug/l	99
44) Trichloroethene	7.21	130	104716	18.887	ug/l	95
45) 1,2-Dichloropropane	7.51	63	109263	21.237	ug/l	95
46) Dibromomethane	7.65	93	66869	19.658	ug/l	98
47) Bromodichloromethane	7.89	83	126808	19.794	ug/l	96
48) Methyl methacrylate	7.76	41	115345	19.757	ug/l	99
49) 1,4-Dioxane	7.73	88	46690	392.981	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	780928	104.295	ug/l	98
52) Toluene	8.78	92	244413	19.264	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	136130	19.379	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	154565	19.750	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	102926	20.240	ug/l	97
56) Ethyl methacrylate	9.17	69	155500	19.467	ug/l	98
57) 1,3-Dichloropropane	9.37	76	171232	20.014	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	303589	100.429	ug/l	100
59) 2-Hexanone	9.48	43	605005	100.372	ug/l	99
60) Dibromochloromethane	9.57	129	102376	20.254	ug/l	100
61) 1,2-Dibromoethane	9.67	107	104260	20.039	ug/l	98
64) Tetrachloroethene	9.33	164	110706	19.609	ug/l	99
65) Chlorobenzene	10.14	112	262914	19.380	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	95039	19.621	ug/l	99
67) Ethyl Benzene	10.25	91	453995	19.466	ug/l	98
68) m/p-Xylenes	10.35	106	347186	38.704	ug/l	99
69) o-Xylene	10.70	106	167357	19.023	ug/l	98
70) Styrene	10.71	104	286038	19.227	ug/l	99
71) Bromoform	10.85	173	72743	18.683	ug/l #	98
73) Isopropylbenzene	11.01	105	448667	20.274	ug/l	99
74) N-amyl acetate	10.89	43	200314	19.311	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	157689	20.553	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	128118m	18.776	ug/l	
77) Bromobenzene	11.25	156	114212	18.758	ug/l	99
78) n-propylbenzene	11.35	91	496859	20.017	ug/l	99
79) 2-Chlorotoluene	11.42	91	300471	19.913	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	366591	19.683	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	45016	18.621	ug/l	91
82) 4-Chlorotoluene	11.51	91	338041	19.314	ug/l	100
83) tert-Butylbenzene	11.76	119	360592	19.895	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	375222	20.118	ug/l	98
85) sec-Butylbenzene	11.94	105	428088	20.007	ug/l	100
86) p-Isopropyltoluene	12.06	119	389112	19.881	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	197860	18.542	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	199892	18.423	ug/l	99
89) n-Butylbenzene	12.39	91	319892	19.155	ug/l	99
90) Hexachloroethane	12.59	117	66218	18.836	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	202460	18.847	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	31824	18.744	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	127271	18.229	ug/l	98
94) Hexachlorobutadiene	13.78	225	64791	19.309	ug/l	97
95) Naphthalene	13.83	128	397762	19.390	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	129064	18.726	ug/l	95

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

