

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120919\
 Data File : VX0137872.D
 Acq On : 10 Dec 2019 00:20
 Operator : JC/SP
 Sample : VX1209WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Manual Integrations
 APPROVED

apatel
 12/10/2019 11:20:46 AM

Quant Time: Dec 10 05:42:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	570875	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	878377	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	788565	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	383894	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	305416	46.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.18%	
35) Dibromofluoromethane	5.49	113	252800	46.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.10%	
50) Toluene-d8	8.71	98	962671	45.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.00%	
62) 4-Bromofluorobenzene	11.14	95	339237	44.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	112798	17.752	ug/l	94
3) Chloromethane	1.32	50	133343	18.702	ug/l	98
4) Vinyl Chloride	1.40	62	153424	19.119	ug/l	100
5) Bromomethane	1.63	94	98033	18.191	ug/l	92
6) Chloroethane	1.72	64	87135	19.081	ug/l	93
7) Trichlorofluoromethane	1.92	101	166242	18.656	ug/l	99
8) Diethyl Ether	2.18	74	77950	19.336	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	99810	18.338	ug/l	98
10) Methyl Iodide	2.50	142	107500	16.328	ug/l	99
11) Tert butyl alcohol	3.03	59	144754	88.499	ug/l	99
12) 1,1-Dichloroethene	2.37	96	100142	18.433	ug/l	98
13) Acrolein	2.28	56	91357	87.515	ug/l	99
14) Allyl chloride	2.72	41	177694	18.023	ug/l	100
15) Acrylonitrile	3.13	53	330509	97.892	ug/l	99
16) Acetone	2.43	43	313425	95.801	ug/l	99
17) Carbon Disulfide	2.56	76	247682	15.992	ug/l	100
18) Methyl Acetate	2.76	43	190950	20.960	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	349430	19.415	ug/l	96
20) Methylene Chloride	2.85	84	120168	19.119	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	107458	18.156	ug/l	94
22) Diisopropyl ether	3.84	45	382081	20.126	ug/l	94
23) Vinyl Acetate	3.80	43	1452106	91.946	ug/l	100
24) 1,1-Dichloroethane	3.69	63	205877	19.838	ug/l	98
25) 2-Butanone	4.66	43	468932	96.443	ug/l	100
26) 2,2-Dichloropropane	4.57	77	131698	15.338	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	126313	18.584	ug/l	99
28) Bromochloromethane	5.00	49	88481	21.567	ug/l	98
29) Tetrahydrofuran	5.12	42	296257	98.837	ug/l	100
30) Chloroform	5.20	83	199613	18.966	ug/l	97
31) Cyclohexane	5.58	56	173241	17.698	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	166547	18.936	ug/l	98
36) 1,1-Dichloropropene	5.79	75	146570	18.382	ug/l	98
37) Ethyl Acetate	4.82	43	173578	19.405	ug/l	99
38) Carbon Tetrachloride	5.78	117	137219	18.664	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	167044	16.949	ug/l	95
40) Benzene	6.14	78	457770	18.850	ug/l	99
41) Methacrylonitrile	5.03	41	97344	19.843	ug/l	98
42) 1,2-Dichloroethane	6.18	62	161868	19.544	ug/l	99
43) Isopropyl Acetate	6.43	43	278914	18.940	ug/l	99
44) Trichloroethene	7.20	130	122921	18.443	ug/l	93
45) 1,2-Dichloropropane	7.51	63	119930	19.739	ug/l	98
46) Dibromomethane	7.65	93	78006	18.903	ug/l	99
47) Bromodichloromethane	7.89	83	146311	18.755	ug/l	98
48) Methyl methacrylate	7.76	41	136750	19.112	ug/l	96
49) 1,4-Dioxane	7.73	88	56454	352.485	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	915974	98.883	ug/l	99
52) Toluene	8.78	92	288501	19.123	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	155113	17.468	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	173646	17.899	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	121155	19.928	ug/l	97
56) Ethyl methacrylate	9.17	69	186885	19.120	ug/l	99
57) 1,3-Dichloropropane	9.37	76	201328	19.212	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	344339	89.852	ug/l	100
59) 2-Hexanone	9.48	43	694797	96.171	ug/l	98
60) Dibromochloromethane	9.57	129	119269	18.904	ug/l	99
61) 1,2-Dibromoethane	9.67	107	123642	19.042	ug/l	99
64) Tetrachloroethene	9.33	164	136136	23.150	ug/l	98
65) Chlorobenzene	10.14	112	307335	18.772	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	112511	19.137	ug/l	98
67) Ethyl Benzene	10.25	91	534654	19.004	ug/l	98
68) m/p-Xylenes	10.35	106	405786	37.673	ug/l	100
69) o-Xylene	10.70	106	199156	18.958	ug/l	99
70) Styrene	10.71	104	334422	18.924	ug/l	99
71) Bromoform	10.85	173	89435	18.385	ug/l #	97
73) Isopropylbenzene	11.01	105	528574	19.629	ug/l	99
74) N-amyl acetate	10.89	43	234070	18.975	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	186096	19.927	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	170715m	19.771	ug/l	
77) Bromobenzene	11.25	156	137591	18.913	ug/l	97
78) n-propylbenzene	11.35	91	573229	19.069	ug/l	99
79) 2-Chlorotoluene	11.42	91	348921	19.349	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	429579	19.464	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	50450	15.985	ug/l	93
82) 4-Chlorotoluene	11.51	91	401405	19.219	ug/l	98
83) tert-Butylbenzene	11.76	119	423271	18.871	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	432409	19.304	ug/l	99
85) sec-Butylbenzene	11.94	105	497057	19.401	ug/l	100
86) p-Isopropyltoluene	12.06	119	450984	18.922	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	234502	18.492	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	234496	18.154	ug/l	99
89) n-Butylbenzene	12.39	91	364942	17.952	ug/l	99
90) Hexachloroethane	12.59	117	78568	18.237	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	240892	19.226	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	36348	17.873	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	152495	17.463	ug/l	99
94) Hexachlorobutadiene	13.78	225	76024	18.123	ug/l	98
95) Naphthalene	13.83	128	476273	18.315	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	158373	18.318	ug/l	99

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

