

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121019\
 Data File : VX013892.D
 Acq On : 10 Dec 2019 12:52
 Operator : JC/SP
 Sample : VX1210WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBSD01

Manual Integrations
 APPROVED

apatel
 12/11/2019 2:14:02 PM

Quant Time: Dec 11 02:50:56 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	531049	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	796916	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	723812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	354322	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	292735	47.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.98%	
35) Dibromofluoromethane	5.49	113	243701	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
50) Toluene-d8	8.71	98	907183	47.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.52%	
62) 4-Bromofluorobenzene	11.13	95	330052	47.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	106190	17.965	ug/l	97
3) Chloromethane	1.32	50	118532	17.872	ug/l	100
4) Vinyl Chloride	1.40	62	138938	18.612	ug/l	98
5) Bromomethane	1.63	94	90930	18.138	ug/l	100
6) Chloroethane	1.72	64	79437	18.700	ug/l	97
7) Trichlorofluoromethane	1.92	101	154164	18.598	ug/l	98
8) Diethyl Ether	2.18	74	73789	19.677	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	96776	19.114	ug/l	100
10) Methyl Iodide	2.50	142	102173	16.682	ug/l	99
11) Tert butyl alcohol	3.03	59	138320	90.908	ug/l	98
12) 1,1-Dichloroethene	2.36	96	90239	17.856	ug/l	98
13) Acrolein	2.28	56	109403	110.936	ug/l	97
14) Allyl chloride	2.72	41	165273	18.020	ug/l	99
15) Acrylonitrile	3.13	53	302250	96.235	ug/l	99
16) Acetone	2.43	43	297983	97.912	ug/l	99
17) Carbon Disulfide	2.56	76	225130	15.626	ug/l	99
18) Methyl Acetate	2.76	43	176360	20.810	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	331515	19.801	ug/l	98
20) Methylene Chloride	2.84	84	112146	19.181	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	100847	18.317	ug/l	99
22) Diisopropyl ether	3.84	45	351264	19.890	ug/l	96
23) Vinyl Acetate	3.80	43	1434963	97.675	ug/l	99
24) 1,1-Dichloroethane	3.69	63	186251	19.292	ug/l	99
25) 2-Butanone	4.65	43	438079	96.855	ug/l	98
26) 2,2-Dichloropropane	4.58	77	139031	17.406	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	120634	19.080	ug/l	98
28) Bromochloromethane	5.00	49	81361	21.319	ug/l	96
29) Tetrahydrofuran	5.11	42	276194	99.054	ug/l	99
30) Chloroform	5.20	83	181999	18.589	ug/l	96
31) Cyclohexane	5.57	56	165896	18.219	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	151704	18.542	ug/l	99
36) 1,1-Dichloropropene	5.79	75	134559	18.601	ug/l	99
37) Ethyl Acetate	4.82	43	161442	19.893	ug/l	99
38) Carbon Tetrachloride	5.78	117	126388	18.948	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	164502	18.397	ug/l	97
40) Benzene	6.13	78	422579	19.180	ug/l	100
41) Methacrylonitrile	5.03	41	96462	21.674	ug/l	96
42) 1,2-Dichloroethane	6.18	62	151007	20.097	ug/l	99
43) Isopropyl Acetate	6.43	43	262996	19.684	ug/l	99
44) Trichloroethene	7.20	130	111184	18.388	ug/l	95
45) 1,2-Dichloropropane	7.51	63	109021	19.777	ug/l	95
46) Dibromomethane	7.65	93	73208	19.554	ug/l	97
47) Bromodichloromethane	7.89	83	138158	19.520	ug/l	99
48) Methyl methacrylate	7.76	41	129466	19.944	ug/l	99
49) 1,4-Dioxane	7.73	88	52678	362.530	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	844241	100.456	ug/l	100
52) Toluene	8.78	92	264421	19.319	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	147454	18.303	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	169210	19.225	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	113226	20.528	ug/l	99
56) Ethyl methacrylate	9.17	69	174423	19.669	ug/l	99
57) 1,3-Dichloropropane	9.37	76	189901	19.974	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	345605	99.400	ug/l	100
59) 2-Hexanone	9.48	43	636520	97.111	ug/l	100
60) Dibromochloromethane	9.58	129	110344	19.277	ug/l	98
61) 1,2-Dibromoethane	9.67	107	113509	19.268	ug/l	98
64) Tetrachloroethene	9.33	164	108178	20.041	ug/l	95
65) Chlorobenzene	10.14	112	287136	19.107	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	105237	19.501	ug/l	99
67) Ethyl Benzene	10.25	91	498909	19.320	ug/l	99
68) m/p-Xylenes	10.35	106	373592	37.787	ug/l	99
69) o-Xylene	10.70	106	185401	19.228	ug/l	99
70) Styrene	10.71	104	309987	19.111	ug/l	99
71) Bromoform	10.85	173	82936	18.575	ug/l	100
73) Isopropylbenzene	11.01	105	491936	19.793	ug/l	99
74) N-amyl acetate	10.89	43	222171	19.514	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	179656	20.843	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	161675m	20.287	ug/l	
77) Bromobenzene	11.25	156	128737	19.173	ug/l	99
78) n-propylbenzene	11.35	91	554314	19.979	ug/l	100
79) 2-Chlorotoluene	11.42	91	331013	19.888	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	408456	20.051	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	50870	17.463	ug/l	94
82) 4-Chlorotoluene	11.51	91	372424	19.320	ug/l	99
83) tert-Butylbenzene	11.77	119	402116	19.424	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	409214	19.794	ug/l	100
85) sec-Butylbenzene	11.94	105	470747	19.908	ug/l	100
86) p-Isopropyltoluene	12.06	119	431556	19.618	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	220438	18.834	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	227006	19.041	ug/l	99
89) n-Butylbenzene	12.38	91	365034	19.456	ug/l	99
90) Hexachloroethane	12.59	117	74063	18.626	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	223045	19.287	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	34597	18.432	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	147889	18.349	ug/l	99
94) Hexachlorobutadiene	13.77	225	74091	19.137	ug/l	98
95) Naphthalene	13.83	128	448701	18.695	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	150370	18.843	ug/l	99

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

