

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121819\
 Data File : VX014087.D
 Acq On : 18 Dec 2019 11:31
 Operator : JC/SP
 Sample : VX1218WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1218WBSD01

Manual Integrations
 APPROVED

apatel
 12/19/2019 11:51:00 AM

Quant Time: Dec 18 16:32:00 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	505658	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	765853	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	693594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	336326	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	294351	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	
35) Dibromofluoromethane	5.48	113	236207	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	
50) Toluene-d8	8.71	98	903526	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	
62) 4-Bromofluorobenzene	11.13	95	320455	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	82673	18.275	ug/l	95
3) Chloromethane	1.32	50	116099	19.124	ug/l	97
4) Vinyl Chloride	1.40	62	118930	18.566	ug/l	99
5) Bromomethane	1.63	94	78343	17.231	ug/l	99
6) Chloroethane	1.72	64	79778	20.178	ug/l	97
7) Trichlorofluoromethane	1.92	101	150532	18.983	ug/l	98
8) Diethyl Ether	2.18	74	72144	19.385	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	91717	19.187	ug/l	98
10) Methyl Iodide	2.50	142	113558	19.690	ug/l	99
11) Tert butyl alcohol	3.02	59	125972	101.728	ug/l	99
12) 1,1-Dichloroethene	2.36	96	89934	18.489	ug/l	99
13) Acrolein	2.28	56	87601	123.581	ug/l	100
14) Allyl chloride	2.72	41	167737	19.314	ug/l	99
15) Acrylonitrile	3.13	53	311018	107.606	ug/l	99
16) Acetone	2.43	43	313291	84.204	ug/l	97
17) Carbon Disulfide	2.56	76	244715	18.601	ug/l	99
18) Methyl Acetate	2.76	43	157206	21.323	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	323260	20.224	ug/l	97
20) Methylene Chloride	2.84	84	110074	18.787	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	100140	18.687	ug/l	99
22) Diisopropyl ether	3.84	45	353092	20.402	ug/l	90
23) Vinyl Acetate	3.80	43	1525423	108.009	ug/l	100
24) 1,1-Dichloroethane	3.69	63	182706	18.975	ug/l	98
25) 2-Butanone	4.65	43	450901	98.298	ug/l	99
26) 2,2-Dichloropropane	4.57	77	138442	18.519	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	116284	19.187	ug/l	99
28) Bromochloromethane	5.00	49	79532	21.736	ug/l	97
29) Tetrahydrofuran	5.11	42	280886	109.479	ug/l	98
30) Chloroform	5.20	83	178675	19.575	ug/l	98
31) Cyclohexane	5.57	56	165062	19.275	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	144479	18.572	ug/l	99
36) 1,1-Dichloropropene	5.79	75	131493	18.712	ug/l	99
37) Ethyl Acetate	4.81	43	163182	21.029	ug/l	97
38) Carbon Tetrachloride	5.78	117	122071	19.069	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	166014	19.133	ug/l	94
40) Benzene	6.13	78	416151	19.247	ug/l	99
41) Methacrylonitrile	5.03	41	91706	21.299	ug/l	98
42) 1,2-Dichloroethane	6.18	62	148416	20.250	ug/l	100
43) Isopropyl Acetate	6.43	43	265336	20.661	ug/l	99
44) Trichloroethene	7.20	130	111118	18.606	ug/l	99
45) 1,2-Dichloropropane	7.51	63	111591	20.136	ug/l	97
46) Dibromomethane	7.65	93	71526	19.521	ug/l	98
47) Bromodichloromethane	7.89	83	136303	19.752	ug/l	99
48) Methyl methacrylate	7.76	41	129370	20.572	ug/l	98
49) 1,4-Dioxane	7.73	88	55051	430.176	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	845857	104.877	ug/l	99
52) Toluene	8.78	92	255935	18.727	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	147671	19.516	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	168115	19.943	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	109232	19.942	ug/l	100
56) Ethyl methacrylate	9.17	69	170827	19.854	ug/l	99
57) 1,3-Dichloropropane	9.37	76	186390	20.225	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	329557	101.213	ug/l	99
59) 2-Hexanone	9.48	43	644144	99.213	ug/l	99
60) Dibromochloromethane	9.57	129	107362	19.719	ug/l	99
61) 1,2-Dibromoethane	9.67	107	116196	20.734	ug/l	99
64) Tetrachloroethene	9.33	164	109156	17.785	ug/l	97
65) Chlorobenzene	10.14	112	280156	18.997	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	101801	19.333	ug/l	99
67) Ethyl Benzene	10.25	91	485244	19.138	ug/l	100
68) m/p-Xylenes	10.35	106	369680	37.909	ug/l	99
69) o-Xylene	10.70	106	177830	18.594	ug/l	98
70) Styrene	10.71	104	303913	18.792	ug/l	98
71) Bromoform	10.85	173	80725	19.072	ug/l #	98
73) Isopropylbenzene	11.01	105	468612	19.789	ug/l	99
74) N-amyl acetate	10.89	43	222393	20.036	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	170216	20.734	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	160691m	22.008	ug/l	
77) Bromobenzene	11.25	156	126759	19.456	ug/l	98
78) n-propylbenzene	11.35	91	533594	20.089	ug/l	100
79) 2-Chlorotoluene	11.42	91	319599	19.794	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	391534	19.646	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	51480	19.900	ug/l	94
82) 4-Chlorotoluene	11.51	91	364245	19.449	ug/l	100
83) tert-Butylbenzene	11.76	119	379908	19.589	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	392124	19.648	ug/l	99
85) sec-Butylbenzene	11.94	105	454755	19.862	ug/l	99
86) p-Isopropyltoluene	12.06	119	410123	19.583	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	216096	18.925	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	217343	18.720	ug/l	99
89) n-Butylbenzene	12.39	91	344216	19.262	ug/l	99
90) Hexachloroethane	12.59	117	70435	18.724	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	215377	18.737	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	33876	18.647	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	141805	18.981	ug/l	98
94) Hexachlorobutadiene	13.78	225	66723	18.583	ug/l	98
95) Naphthalene	13.83	128	429498	19.567	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	143140	19.409	ug/l	99

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

