

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122719\
 Data File : VX014333.D
 Acq On : 28 Dec 2019 01:50
 Operator : JC/SP
 Sample : VX1227WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1227WBSD02

Manual Integrations
 APPROVED

apatel
 12/30/2019 11:05:02 AM

Quant Time: Dec 30 06:55:28 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	467510	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	730549	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	659438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	314444	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	259699	49.01	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.02%	
35) Dibromofluoromethane	5.49	113	212167	47.78	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.56%	
50) Toluene-d8	8.71	98	834993	48.29	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.58%	
62) 4-Bromofluorobenzene	11.13	95	294684	46.63	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	67388	16.112	ug/l	99
3) Chloromethane	1.32	50	105425	18.782	ug/l	100
4) Vinyl Chloride	1.40	62	108585	18.334	ug/l	98
5) Bromomethane	1.64	94	69812	16.608	ug/l	97
6) Chloroethane	1.72	64	69719	19.073	ug/l	94
7) Trichlorofluoromethane	1.92	101	140221	19.125	ug/l	99
8) Diethyl Ether	2.18	74	67207	19.532	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	81830	18.515	ug/l	99
10) Methyl Iodide	2.50	142	97742	18.512	ug/l	96
11) Tert butyl alcohol	3.03	59	109842	95.940	ug/l	99
12) 1,1-Dichloroethene	2.37	96	85321	18.972	ug/l	94
13) Acrolein	2.28	56	51622	78.767	ug/l	98
14) Allyl chloride	2.72	41	154633	19.258	ug/l	99
15) Acrylonitrile	3.13	53	278667	104.281	ug/l	100
16) Acetone	2.43	43	309389	89.941	ug/l	98
17) Carbon Disulfide	2.56	76	208693	17.215	ug/l	99
18) Methyl Acetate	2.76	43	148218	21.744	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	297241	20.114	ug/l	100
20) Methylene Chloride	2.85	84	103562	19.118	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	91865	18.542	ug/l	99
22) Diisopropyl ether	3.84	45	332268	20.766	ug/l	90
23) Vinyl Acetate	3.81	43	748912	57.354	ug/l	99
24) 1,1-Dichloroethane	3.69	63	176167	19.789	ug/l	100
25) 2-Butanone	4.66	43	415455	97.961	ug/l	98
26) 2,2-Dichloropropane	4.57	77	104640	15.139	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	110815	19.777	ug/l	96
28) Bromochloromethane	5.01	49	72839	21.536	ug/l	95
29) Tetrahydrofuran	5.12	42	254184	107.155	ug/l	97
30) Chloroform	5.20	83	170797	20.239	ug/l	94
31) Cyclohexane	5.58	56	153823	19.428	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	139200	19.354	ug/l	99
36) 1,1-Dichloropropene	5.79	75	123593	18.438	ug/l	98
37) Ethyl Acetate	4.83	43	151496	20.466	ug/l	100
38) Carbon Tetrachloride	5.78	117	114445	18.741	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	143515	17.339	ug/l	96
40) Benzene	6.14	78	402747	19.527	ug/l	99
41) Methacrylonitrile	5.03	41	84102	20.477	ug/l	97
42) 1,2-Dichloroethane	6.18	62	136714	19.555	ug/l	100
43) Isopropyl Acetate	6.43	43	242839	19.823	ug/l	100
44) Trichloroethene	7.21	130	115907	20.346	ug/l	98
45) 1,2-Dichloropropane	7.51	63	104569	19.781	ug/l	97
46) Dibromomethane	7.65	93	68100	19.485	ug/l	96
47) Bromodichloromethane	7.89	83	127260	19.333	ug/l	100
48) Methyl methacrylate	7.76	41	118181	19.701	ug/l	96
49) 1,4-Dioxane	7.73	88	48241	395.179	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	771493	100.280	ug/l	99
52) Toluene	8.78	92	248419	19.056	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	133645	18.516	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	151615	18.855	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	102670	19.650	ug/l	97
56) Ethyl methacrylate	9.17	69	157249	19.160	ug/l	99
57) 1,3-Dichloropropane	9.37	76	175801	19.998	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	298550	96.121	ug/l	99
59) 2-Hexanone	9.48	43	600855	97.018	ug/l	98
60) Dibromochloromethane	9.58	129	101174	19.481	ug/l	100
61) 1,2-Dibromoethane	9.67	107	104912	19.625	ug/l	98
64) Tetrachloroethene	9.33	164	156578	26.833	ug/l	98
65) Chlorobenzene	10.14	112	264308	18.851	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	97340	19.443	ug/l	99
67) Ethyl Benzene	10.25	91	460964	19.122	ug/l	100
68) m/p-Xylenes	10.35	106	353174	38.093	ug/l	99
69) o-Xylene	10.70	106	171517	18.863	ug/l	99
70) Styrene	10.71	104	288541	18.766	ug/l	99
71) Bromoform	10.85	173	74907	18.614	ug/l	99
73) Isopropylbenzene	11.01	105	452534	20.440	ug/l	100
74) N-amyl acetate	10.89	43	200634	19.333	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	138304	18.019	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	129301m	18.941	ug/l	
77) Bromobenzene	11.25	156	118527	19.458	ug/l	99
78) n-propylbenzene	11.35	91	506214	20.385	ug/l	100
79) 2-Chlorotoluene	11.42	91	306835	20.326	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	373302	20.035	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	41338	17.092	ug/l	91
82) 4-Chlorotoluene	11.51	91	347939	19.871	ug/l	99
83) tert-Butylbenzene	11.76	119	316988	17.482	ug/l	92
84) 1,2,4-Trimethylbenzene	11.80	105	375030	20.099	ug/l	100
85) sec-Butylbenzene	11.94	105	430274	20.101	ug/l	100
86) p-Isopropyltoluene	12.06	119	386934	19.761	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	203894	19.099	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	204128	18.805	ug/l	99
89) n-Butylbenzene	12.38	91	322008	19.273	ug/l	99
90) Hexachloroethane	12.59	117	65759	18.697	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	210299	19.568	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	30403	17.899	ug/l	97

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93) 1,2,4-Trichlorobenzene	13.64	180	132063	18.907	ug/l	98
94) Hexachlorobutadiene	13.77	225	62338	18.570	ug/l	98
95) Naphthalene	13.83	128	402755	19.625	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	133963	19.429	ug/l	99

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

