

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122719\
 Data File : VX014332.D
 Acq On : 28 Dec 2019 01:27
 Operator : JC/SP
 Sample : VX1227WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1227WBS02

Manual Integrations
 APPROVED

apatel
 12/30/2019 11:04:43 AM

Quant Time: Dec 30 06:54:15 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	466298	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	742425	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	668656	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	320350	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	271685	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
35) Dibromofluoromethane	5.49	113	219400	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
50) Toluene-d8	8.71	98	858363	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
62) 4-Bromofluorobenzene	11.13	95	303395	47.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	69060	16.555	ug/l	98
3) Chloromethane	1.32	50	101420	18.116	ug/l	99
4) Vinyl Chloride	1.40	62	106622	18.049	ug/l	100
5) Bromomethane	1.63	94	67217	16.032	ug/l	99
6) Chloroethane	1.72	64	72305	19.832	ug/l	95
7) Trichlorofluoromethane	1.92	101	134939	18.453	ug/l	99
8) Diethyl Ether	2.18	74	64335	18.746	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.37	101	80989	18.373	ug/l	98
10) Methyl Iodide	2.50	142	87290	16.849	ug/l	98
11) Tert butyl alcohol	3.03	59	109350	95.759	ug/l	99
12) 1,1-Dichloroethene	2.37	96	85527	19.068	ug/l	94
13) Acrolein	2.28	56	52192	79.843	ug/l	97
14) Allyl chloride	2.72	41	152657	19.061	ug/l	98
15) Acrylonitrile	3.13	53	278862	104.625	ug/l	100
16) Acetone	2.43	43	309771	90.286	ug/l	97
17) Carbon Disulfide	2.56	76	201987	16.727	ug/l	99
18) Methyl Acetate	2.76	43	148428	21.832	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	291316	19.764	ug/l	96
20) Methylene Chloride	2.85	84	104640	19.367	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	90920	18.399	ug/l	94
22) Diisopropyl ether	3.84	45	324595	20.339	ug/l	92
23) Vinyl Acetate	3.81	43	735128	56.445	ug/l	99
24) 1,1-Dichloroethane	3.69	63	174016	19.598	ug/l	99
25) 2-Butanone	4.66	43	416500	98.463	ug/l	98
26) 2,2-Dichloropropane	4.58	77	102834	14.917	ug/l	96
27) cis-1,2-Dichloroethene	4.58	96	109067	19.516	ug/l	96
28) Bromochloromethane	5.01	49	78537	23.244	ug/l	100
29) Tetrahydrofuran	5.11	42	251991	106.507	ug/l	99
30) Chloroform	5.20	83	167890	19.946	ug/l	98
31) Cyclohexane	5.58	56	141784	17.954	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	136643	19.048	ug/l	98
36) 1,1-Dichloropropene	5.79	75	119719	17.574	ug/l	100
37) Ethyl Acetate	4.82	43	146829	19.518	ug/l	99
38) Carbon Tetrachloride	5.78	117	113164	18.235	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	139037	16.530	ug/l	99
40) Benzene	6.14	78	389806	18.597	ug/l	100
41) Methacrylonitrile	5.03	41	81149	19.442	ug/l	98
42) 1,2-Dichloroethane	6.18	62	135040	19.006	ug/l	100
43) Isopropyl Acetate	6.43	43	242444	19.474	ug/l	99
44) Trichloroethene	7.20	130	114121	19.712	ug/l	97
45) 1,2-Dichloropropane	7.51	63	104158	19.388	ug/l	92
46) Dibromomethane	7.65	93	65993	18.580	ug/l	99
47) Bromodichloromethane	7.89	83	125425	18.750	ug/l	99
48) Methyl methacrylate	7.76	41	115784	18.993	ug/l	99
49) 1,4-Dioxane	7.73	88	48152	388.140	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	773764	98.966	ug/l	100
52) Toluene	8.78	92	239884	18.107	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	128361	17.500	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	148234	18.140	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	102547	19.313	ug/l	98
56) Ethyl methacrylate	9.17	69	157302	18.859	ug/l	100
57) 1,3-Dichloropropane	9.37	76	172491	19.308	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	309260	97.977	ug/l	100
59) 2-Hexanone	9.48	43	606424	96.351	ug/l	99
60) Dibromochloromethane	9.57	129	96544	18.292	ug/l	99
61) 1,2-Dibromoethane	9.67	107	104401	19.217	ug/l	100
64) Tetrachloroethene	9.33	164	151033	25.526	ug/l	96
65) Chlorobenzene	10.14	112	261216	18.373	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	96092	18.929	ug/l	98
67) Ethyl Benzene	10.25	91	450898	18.447	ug/l	100
68) m/p-Xylenes	10.35	106	343012	36.487	ug/l	99
69) o-Xylene	10.70	106	166668	18.077	ug/l	99
70) Styrene	10.71	104	277365	17.790	ug/l	99
71) Bromoform	10.85	173	72499	17.767	ug/l #	99
73) Isopropylbenzene	11.01	105	447234	19.829	ug/l	99
74) N-amyl acetate	10.89	43	199344	18.855	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	132231	16.910	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	128266m	18.443	ug/l	
77) Bromobenzene	11.25	156	116954	18.846	ug/l	98
78) n-propylbenzene	11.35	91	487958	19.287	ug/l	99
79) 2-Chlorotoluene	11.42	91	296291	19.266	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	362173	19.079	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	41200	16.721	ug/l	94
82) 4-Chlorotoluene	11.51	91	336073	18.839	ug/l	99
83) tert-Butylbenzene	11.76	119	306844	16.610	ug/l	91
84) 1,2,4-Trimethylbenzene	11.80	105	361821	19.033	ug/l	100
85) sec-Butylbenzene	11.94	105	413285	18.951	ug/l	100
86) p-Isopropyltoluene	12.06	119	376540	18.876	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	198859	18.284	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	198156	17.918	ug/l	99
89) n-Butylbenzene	12.39	91	307699	18.077	ug/l	99
90) Hexachloroethane	12.59	117	62439	17.426	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	202425	18.489	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	32294	18.662	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	125549	17.643	ug/l	99
94) Hexachlorobutadiene	13.78	225	60122	17.579	ug/l	99
95) Naphthalene	13.83	128	387598	18.539	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	127751	18.186	ug/l	98

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

