

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100719\
 Data File : VX012858.D
 Acq On : 07 Oct 2019 23:46
 Operator : JC/SP
 Sample : VX1007WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1007WBS02

Manual Integrations
 APPROVED

MMDadoda
 10/8/2019 2:07:15 PM

Quant Time: Oct 08 12:48:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	170089	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	295498	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	260908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	120501	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	119702	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	
35) Dibromofluoromethane	5.49	113	91806	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	
50) Toluene-d8	8.71	98	342085	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
62) 4-Bromofluorobenzene	11.14	95	135051	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.19	85	28562	14.927	ug/l 97
3) Chloromethane	1.32	50	33686	15.331	ug/l 98
4) Vinyl Chloride	1.40	62	36062	16.512	ug/l 99
5) Bromomethane	1.63	94	15769	18.364	ug/l 90
6) Chloroethane	1.71	64	25751	17.491	ug/l 97
7) Trichlorofluoromethane	1.92	101	53408	17.418	ug/l 98
8) Diethyl Ether	2.18	74	22869	18.199	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	33453	17.912	ug/l 98
10) Methyl Iodide	2.50	142	22762	15.376	ug/l 93
11) Tert butyl alcohol	3.03	59	64527	104.290	ug/l 95
12) 1,1-Dichloroethene	2.36	96	34348	18.782	ug/l 97
13) Acrolein	2.28	56	21804	70.904	ug/l 99
14) Allyl chloride	2.72	41	64008	17.641	ug/l 97
15) Acrylonitrile	3.13	53	120481	95.980	ug/l 98
16) Acetone	2.44	43	104002	79.274	ug/l 97
17) Carbon Disulfide	2.56	76	81372	15.872	ug/l 98
18) Methyl Acetate	2.76	43	62733	20.308	ug/l 95
19) Methyl tert-butyl Ether	3.19	73	136194	19.675	ug/l 99
20) Methylene Chloride	2.84	84	42049	18.950	ug/l 94
21) trans-1,2-Dichloroethene	3.16	96	37851	18.683	ug/l 93
22) Diisopropyl ether	3.85	45	135403	19.314	ug/l 89
23) Vinyl Acetate	3.80	43	566199	92.093	ug/l 98
24) 1,1-Dichloroethane	3.69	63	71777	18.835	ug/l 99
25) 2-Butanone	4.66	43	168940	89.809	ug/l 97
26) 2,2-Dichloropropane	4.57	77	47126	13.904	ug/l 93
27) cis-1,2-Dichloroethene	4.59	96	44895	19.098	ug/l 93
28) Bromochloromethane	5.01	49	26307	19.012	ug/l 97
29) Tetrahydrofuran	5.12	42	108846	94.934	ug/l 96
30) Chloroform	5.20	83	72951	18.711	ug/l 99
31) Cyclohexane	5.57	56	60436	17.530	ug/l 96
32) 1,1,1-Trichloroethane	5.48	97	62859	18.191	ug/l 99
36) 1,1-Dichloropropene	5.79	75	49947	17.536	ug/l 96
37) Ethyl Acetate	4.82	43	64680	19.424	ug/l 98
38) Carbon Tetrachloride	5.77	117	50278	17.377	ug/l 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	59710	17.413	ug/l	95
40) Benzene	6.14	78	161736	19.299	ug/l	96
41) Methacrylonitrile	5.03	41	35228	18.855	ug/l	95
42) 1,2-Dichloroethane	6.19	62	60804	19.106	ug/l	98
43) Isopropyl Acetate	6.43	43	106095	19.052	ug/l	98
44) Trichloroethene	7.21	130	40641	18.970	ug/l	93
45) 1,2-Dichloropropane	7.51	63	42340	19.733	ug/l	95
46) Dibromomethane	7.65	93	27761	19.003	ug/l	99
47) Bromodichloromethane	7.89	83	54640	18.715	ug/l	97
48) Methyl methacrylate	7.76	41	50850	19.044	ug/l	92
49) 1,4-Dioxane	7.73	88	23823	393.352	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	333649	97.063	ug/l	96
52) Toluene	8.78	92	101321	19.236	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	58095	17.984	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	63777	18.082	ug/l	91
55) 1,1,2-Trichloroethane	9.21	97	42738	20.409	ug/l	96
56) Ethyl methacrylate	9.17	69	69685	19.808	ug/l	91
57) 1,3-Dichloropropane	9.37	76	73147	19.958	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	157349	99.641	ug/l	99
59) 2-Hexanone	9.48	43	247526	94.074	ug/l	93
60) Dibromochloromethane	9.58	129	40264	18.994	ug/l	99
61) 1,2-Dibromoethane	9.67	107	44204	20.283	ug/l	100
64) Tetrachloroethene	9.33	164	38576	21.206	ug/l	93
65) Chlorobenzene	10.14	112	106587	19.400	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	39508	19.847	ug/l	98
67) Ethyl Benzene	10.25	91	189351	19.002	ug/l	97
68) m/p-Xylenes	10.36	106	142869	38.273	ug/l	99
69) o-Xylene	10.70	106	69712	19.300	ug/l	98
70) Styrene	10.71	104	121118	20.002	ug/l	99
71) Bromoform	10.85	173	27034	19.503	ug/l #	96
73) Isopropylbenzene	11.01	105	187385	19.093	ug/l	100
74) N-amyl acetate	10.89	43	84387	18.023	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	64987	19.994	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	61813m	19.392	ug/l	
77) Bromobenzene	11.25	156	43049	19.380	ug/l	99
78) n-propylbenzene	11.35	91	206729	18.710	ug/l	99
79) 2-Chlorotoluene	11.42	91	131465	19.073	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	159183	19.341	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	17126	15.397	ug/l	98
82) 4-Chlorotoluene	11.51	91	149182	18.986	ug/l	98
83) tert-Butylbenzene	11.76	119	152564	19.217	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	160774	19.365	ug/l	100
85) sec-Butylbenzene	11.94	105	176096	19.070	ug/l	99
86) p-Isopropyltoluene	12.06	119	159657	19.162	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	79008	19.765	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	78460	19.424	ug/l	99
89) n-Butylbenzene	12.39	91	132902	18.101	ug/l	99
90) Hexachloroethane	12.59	117	26280	17.692	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	79261	19.805	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	14703	18.083	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	47760	19.569	ug/l	99
94) Hexachlorobutadiene	13.78	225	20488	19.513	ug/l	97
95) Naphthalene	13.83	128	177997	20.158	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	49657	20.311	ug/l	98

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

