

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110920\
 Data File : VX019360.D
 Acq On : 09 Nov 2020 12:21
 Operator : JC/MD
 Sample : VX1109WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/10/2020 8:57:30 AM

Quant Time: Nov 10 01:56:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	241926	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	405447	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	377196	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	186966	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.02	65	164164	52.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.24%	
35) Dibromofluoromethane	5.46	113	124500	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
50) Toluene-d8	8.70	98	472864	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
62) 4-Bromofluorobenzene	11.12	95	180049	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	38929	19.302	ug/l	98
3) Chloromethane	1.31	50	43329	19.230	ug/l	97
4) Vinyl Chloride	1.39	62	51528	19.719	ug/l	99
5) Bromomethane	1.64	94	36761	20.600	ug/l	96
6) Chloroethane	1.71	64	35076	21.024	ug/l	97
7) Trichlorofluoromethane	1.92	101	81765	19.917	ug/l	97
8) Diethyl Ether	2.17	74	33799	21.452	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	46713	20.529	ug/l	97
10) Methyl Iodide	2.49	142	45831	21.266	ug/l	98
11) Tert butyl alcohol	3.01	59	65243	105.874	ug/l	99
12) 1,1-Dichloroethene	2.35	96	45318	19.327	ug/l	98
13) Acrolein	2.27	56	21187	80.809	ug/l	96
14) Allyl chloride	2.71	41	74268	20.911	ug/l	99
15) Acrylonitrile	3.11	53	140348	108.383	ug/l	99
16) Acetone	2.42	43	120374	111.838	ug/l	100
17) Carbon Disulfide	2.55	76	117805	18.118	ug/l	99
18) Methyl Acetate	2.75	43	60871	23.257	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	173684	21.378	ug/l	99
20) Methylene Chloride	2.83	84	54863	20.304	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	51267	18.998	ug/l	96
22) Diisopropyl ether	3.82	45	159553	22.535	ug/l	89
23) Vinyl Acetate	3.78	43	692515	109.679	ug/l	97
24) 1,1-Dichloroethane	3.67	63	94025	21.269	ug/l	99
25) 2-Butanone	4.63	43	189682	111.822	ug/l	96
26) 2,2-Dichloropropane	4.55	77	84089	20.234	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	60120	19.937	ug/l	96
28) Bromochloromethane	4.98	49	41947	20.872	ug/l	92
29) Tetrahydrofuran	5.09	42	120005	112.260	ug/l	96
30) Chloroform	5.17	83	97516	20.724	ug/l	99
31) Cyclohexane	5.54	56	80147	20.322	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	87144	20.427	ug/l	99
36) 1,1-Dichloropropene	5.76	75	73213	19.555	ug/l	98
37) Ethyl Acetate	4.79	43	74255	21.361	ug/l	99
38) Carbon Tetrachloride	5.75	117	74239	19.453	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	85407	19.078	ug/l	97
40) Benzene	6.11	78	214457	20.202	ug/l	99
41) Methacrylonitrile	4.99	41	39553	21.128	ug/l	98
42) 1,2-Dichloroethane	6.16	62	81838	20.918	ug/l	100
43) Isopropyl Acetate	6.41	43	122412	21.031	ug/l	98
44) Trichloroethene	7.18	130	57599	18.946	ug/l	96
45) 1,2-Dichloropropane	7.49	63	55138	21.206	ug/l	99
46) Dibromomethane	7.63	93	37888	19.706	ug/l	98
47) Bromodichloromethane	7.87	83	76594	20.211	ug/l	99
48) Methyl methacrylate	7.74	41	58982	21.053	ug/l	98
49) 1,4-Dioxane	7.72	88	26261	421.504	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	369950	110.584	ug/l	99
52) Toluene	8.76	92	137026	20.042	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	84527	19.528	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	91619	20.129	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	55599	20.582	ug/l	99
56) Ethyl methacrylate	9.16	69	83226	20.397	ug/l	97
57) 1,3-Dichloropropane	9.35	76	94475	20.743	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	224967	98.585	ug/l	95
59) 2-Hexanone	9.47	43	283851	111.464	ug/l	97
60) Dibromochloromethane	9.56	129	57519	19.620	ug/l	99
61) 1,2-Dibromoethane	9.65	107	57804	20.010	ug/l	100
64) Tetrachloroethene	9.32	164	55498	19.312	ug/l	97
65) Chlorobenzene	10.12	112	143962	18.673	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	52080	18.764	ug/l	98
67) Ethyl Benzene	10.23	91	262385	19.100	ug/l	98
68) m/p-Xylenes	10.34	106	193730	37.574	ug/l	95
69) o-Xylene	10.68	106	92999	19.016	ug/l	99
70) Styrene	10.69	104	157251	18.845	ug/l	99
71) Bromoform	10.84	173	39368	17.890	ug/l #	99
73) Isopropylbenzene	11.00	105	253614	19.163	ug/l	99
74) N-amyl acetate	10.88	43	97782	20.208	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	84274	20.375	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	79249m	20.528	ug/l	
77) Bromobenzene	11.24	156	61179	18.626	ug/l	93
78) n-propylbenzene	11.34	91	295328	19.548	ug/l	99
79) 2-Chlorotoluene	11.40	91	175747	19.759	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	216732	19.385	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	26573	18.124	ug/l	95
82) 4-Chlorotoluene	11.49	91	208273	19.176	ug/l	98
83) tert-Butylbenzene	11.76	119	205304	19.178	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	219511	19.448	ug/l	98
85) sec-Butylbenzene	11.93	105	247021	19.239	ug/l	99
86) p-Isopropyltoluene	12.05	119	229432	19.360	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	114958	18.794	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	115913	18.204	ug/l	97
89) n-Butylbenzene	12.37	91	211491	18.986	ug/l	98
90) Hexachloroethane	12.58	117	36378	18.060	ug/l	97
91) 1,2-Dichlorobenzene	12.37	146	113570	19.336	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19352	19.113	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	76307	17.296	ug/l	99
94) Hexachlorobutadiene	13.76	225	30607	15.760	ug/l	95
95) Naphthalene	13.82	128	252872	18.199	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	73626	17.202	ug/l	99

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

