

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081920\
 Data File : VX017999.D
 Acq On : 19 Aug 2020 22:10
 Operator : JC/SP
 Sample : VX0819WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBS02

Manual Integrations
 APPROVED

MMDadoda
 8/20/2020 9:17:27 AM

Quant Time: Aug 20 05:42:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:36:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	401904	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	626397	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	644100	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	341128	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	310515	52.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.40%	
35) Dibromofluoromethane	5.46	113	228068	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
50) Toluene-d8	8.70	98	845512	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	
62) 4-Bromofluorobenzene	11.12	95	346092	56.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	108043	18.427	ug/l	98
3) Chloromethane	1.31	50	104415	18.997	ug/l	100
4) Vinyl Chloride	1.39	62	106353	20.104	ug/l	96
5) Bromomethane	1.63	94	73066	23.755	ug/l	96
6) Chloroethane	1.72	64	63092	20.932	ug/l	95
7) Trichlorofluoromethane	1.92	101	170571	20.267	ug/l	97
8) Diethyl Ether	2.17	74	49179	20.050	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	72467	18.308	ug/l	99
10) Methyl Iodide	2.49	142	70648	13.841	ug/l	99
11) Tert butyl alcohol	3.01	59	102266	89.903	ug/l	100
12) 1,1-Dichloroethene	2.36	96	70129	19.359	ug/l	95
13) Acrolein	2.28	56	50301	83.711	ug/l	99
14) Allyl chloride	2.71	41	118283	18.307	ug/l	99
15) Acrylonitrile	3.12	53	229813	92.510	ug/l	99
16) Acetone	2.42	43	220467	95.118	ug/l	99
17) Carbon Disulfide	2.55	76	171186	19.476	ug/l	97
18) Methyl Acetate	2.75	43	109962	18.854	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	276210	19.943	ug/l	99
20) Methylene Chloride	2.84	84	81983	19.198	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	71097	19.091	ug/l	97
22) Diisopropyl ether	3.82	45	275786	20.362	ug/l #	85
23) Vinyl Acetate	3.79	43	975827	94.281	ug/l	98
24) 1,1-Dichloroethane	3.67	63	140407	18.701	ug/l	97
25) 2-Butanone	4.65	43	327794	93.415	ug/l	100
26) 2,2-Dichloropropane	4.55	77	108772	15.909	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	84932	19.333	ug/l	97
28) Bromochloromethane	4.98	49	79807	20.568	ug/l	98
29) Tetrahydrofuran	5.09	42	213767	98.089	ug/l	98
30) Chloroform	5.18	83	164326	20.024	ug/l	98
31) Cyclohexane	5.56	56	116962	19.211	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	140409	18.860	ug/l	98
36) 1,1-Dichloropropene	5.77	75	97180	18.535	ug/l	99
37) Ethyl Acetate	4.80	43	122161	19.474	ug/l	98
38) Carbon Tetrachloride	5.75	117	126373	18.624	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	116524	17.884	ug/l	98
40) Benzene	6.11	78	284853	18.039	ug/l	98
41) Methacrylonitrile	5.01	41	70360	19.569	ug/l	98
42) 1,2-Dichloroethane	6.17	62	127864	19.062	ug/l	100
43) Isopropyl Acetate	6.42	43	181260	17.899	ug/l	99
44) Trichloroethene	7.20	130	93347	19.933	ug/l	98
45) 1,2-Dichloropropane	7.49	63	81276	17.963	ug/l	96
46) Dibromomethane	7.64	93	59501	18.843	ug/l	99
47) Bromodichloromethane	7.88	83	127418	18.587	ug/l	96
48) Methyl methacrylate	7.74	41	95179	18.959	ug/l	96
49) 1,4-Dioxane	7.72	88	34871	339.289	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	664660	97.483	ug/l	99
52) Toluene	8.77	92	191184	18.505	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	139587	19.252	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	148291	19.616	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	92816	19.555	ug/l	94
56) Ethyl methacrylate	9.16	69	127490	18.998	ug/l	98
57) 1,3-Dichloropropane	9.35	76	138538	18.379	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	316741	97.468	ug/l	100
59) 2-Hexanone	9.48	43	471575	91.277	ug/l	99
60) Dibromochloromethane	9.57	129	109090	18.403	ug/l	98
61) 1,2-Dibromoethane	9.65	107	92612	17.616	ug/l	100
64) Tetrachloroethene	9.32	164	84518	17.182	ug/l	96
65) Chlorobenzene	10.12	112	237466	18.573	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.20	131	96144	17.777	ug/l	98
67) Ethyl Benzene	10.24	91	385008	18.267	ug/l	99
68) m/p-Xylenes	10.34	106	313056	38.581	ug/l	98
69) o-Xylene	10.68	106	135903	17.368	ug/l	99
70) Styrene	10.70	104	241381	17.881	ug/l	99
71) Bromoform	10.84	173	90719	18.689	ug/l #	97
73) Isopropylbenzene	11.00	105	417486	19.014	ug/l	99
74) N-amyl acetate	10.88	43	184329	18.874	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	149891	19.569	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	140891m	19.421	ug/l	
77) Bromobenzene	11.24	156	116976	19.202	ug/l	98
78) n-propylbenzene	11.34	91	479653	18.677	ug/l	100
79) 2-Chlorotoluene	11.40	91	300648	19.210	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	360254	18.692	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	49712	18.002	ug/l	98
82) 4-Chlorotoluene	11.49	91	357157	19.406	ug/l	99
83) tert-Butylbenzene	11.76	119	343410	18.867	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	366920	18.389	ug/l	97
85) sec-Butylbenzene	11.93	105	407111	18.529	ug/l	100
86) p-Isopropyltoluene	12.05	119	385890	18.880	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	211350	19.062	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	205446	18.914	ug/l	96
89) n-Butylbenzene	12.37	91	318092	18.804	ug/l	98
90) Hexachloroethane	12.58	117	77126	18.974	ug/l	92
91) 1,2-Dichlorobenzene	12.38	146	198575	19.401	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	35193	18.037	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	126116	18.730	ug/l	96
94) Hexachlorobutadiene	13.76	225	49468	17.215	ug/l	94
95) Naphthalene	13.82	128	391560	18.422	ug/l	98
96) 1,2,3-Trichlorobenzene	14.00	180	126556	18.484	ug/l	99

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

