

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091820\
 Data File : VX018489.D
 Acq On : 18 Sep 2020 13:51
 Operator : JC/SP
 Sample : VX0918WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS02

Manual Integrations
 APPROVED

MMDadoda
 9/21/2020 11:50:48 AM

Quant Time: Sep 21 02:08:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	417029	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	658068	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	629631	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	329791	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	299171	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
35) Dibromofluoromethane	5.46	113	220677	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	
50) Toluene-d8	8.70	98	796642	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
62) 4-Bromofluorobenzene	11.12	95	312134	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	80221	20.290	ug/l	98
3) Chloromethane	1.31	50	88859	19.197	ug/l	99
4) Vinyl Chloride	1.39	62	91433	18.658	ug/l	99
5) Bromomethane	1.64	94	63436	21.092	ug/l	91
6) Chloroethane	1.72	64	54862	19.562	ug/l	99
7) Trichlorofluoromethane	1.92	101	157204	21.117	ug/l	96
8) Diethyl Ether	2.17	74	47368	18.135	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	76644	19.128	ug/l	99
10) Methyl Iodide	2.50	142	84653	20.310	ug/l	93
11) Tert butyl alcohol	3.01	59	100943	98.338	ug/l	98
12) 1,1-Dichloroethene	2.36	96	75075	18.589	ug/l	93
13) Acrolein	2.28	56	51224	78.811	ug/l	96
14) Allyl chloride	2.71	41	139355	17.806	ug/l	97
15) Acrylonitrile	3.12	53	240544	98.211	ug/l	99
16) Acetone	2.42	43	203174	90.051	ug/l	99
17) Carbon Disulfide	2.55	76	214857	17.814	ug/l	99
18) Methyl Acetate	2.75	43	116260	20.798	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	273115	19.264	ug/l	98
20) Methylene Chloride	2.84	84	90161	18.112	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	85283	18.170	ug/l	95
22) Diisopropyl ether	3.82	45	274786	18.679	ug/l	97
23) Vinyl Acetate	3.79	43	1220733	93.646	ug/l	99
24) 1,1-Dichloroethane	3.67	63	161892	19.082	ug/l	97
25) 2-Butanone	4.63	43	331320	94.299	ug/l	97
26) 2,2-Dichloropropane	4.55	77	146848	18.734	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	95271	18.109	ug/l	98
28) Bromochloromethane	4.98	49	73055	18.402	ug/l	96
29) Tetrahydrofuran	5.09	42	214286	96.765	ug/l	98
30) Chloroform	5.17	83	166912	19.390	ug/l	99
31) Cyclohexane	5.55	56	126532	17.723	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	157064	19.449	ug/l	97
36) 1,1-Dichloropropene	5.77	75	117426	18.384	ug/l	99
37) Ethyl Acetate	4.79	43	133804	19.618	ug/l	99
38) Carbon Tetrachloride	5.76	117	143739	20.320	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	125673	17.513	ug/l	93
40) Benzene	6.12	78	337313	18.428	ug/l	99
41) Methacrylonitrile	5.00	41	70353	18.563	ug/l	99
42) 1,2-Dichloroethane	6.17	62	144629	20.309	ug/l	100
43) Isopropyl Acetate	6.42	43	209795	18.536	ug/l	99
44) Trichloroethene	7.19	130	101735	19.199	ug/l	94
45) 1,2-Dichloropropane	7.49	63	90717	18.056	ug/l	98
46) Dibromomethane	7.63	93	65583	19.000	ug/l	97
47) Bromodichloromethane	7.88	83	136910	19.681	ug/l	93
48) Methyl methacrylate	7.75	41	104581	18.983	ug/l	98
49) 1,4-Dioxane	7.72	88	32459	356.579	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	668981	99.268	ug/l	99
52) Toluene	8.77	92	219545	19.060	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	145569	18.416	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	154451	18.967	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	90437	18.921	ug/l	96
56) Ethyl methacrylate	9.16	69	133957	18.901	ug/l	98
57) 1,3-Dichloropropane	9.35	76	154101	19.189	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	343622	91.195	ug/l	97
59) 2-Hexanone	9.47	43	509366	99.372	ug/l	99
60) Dibromochloromethane	9.57	129	114364	20.066	ug/l	97
61) 1,2-Dibromoethane	9.65	107	98559	19.380	ug/l	98
64) Tetrachloroethene	9.32	164	104395	21.060	ug/l	96
65) Chlorobenzene	10.12	112	244519	18.860	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	97435	18.734	ug/l	100
67) Ethyl Benzene	10.24	91	422282	18.817	ug/l	99
68) m/p-Xylenes	10.34	106	319655	37.655	ug/l	100
69) o-Xylene	10.68	106	151306	18.822	ug/l	97
70) Styrene	10.70	104	259465	18.694	ug/l	98
71) Bromoform	10.84	173	86063	19.708	ug/l	98
73) Isopropylbenzene	11.00	105	415724	18.870	ug/l	100
74) N-amyl acetate	10.88	43	179651	18.113	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	131897	18.087	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	134863m	19.460	ug/l	
77) Bromobenzene	11.24	156	112121	18.445	ug/l	97
78) n-propylbenzene	11.34	91	473464	18.360	ug/l	100
79) 2-Chlorotoluene	11.40	91	289664	18.557	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	363223	19.278	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	50537	18.686	ug/l	95
82) 4-Chlorotoluene	11.49	91	342771	18.473	ug/l	99
83) tert-Butylbenzene	11.76	119	341038	18.643	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	362861	19.123	ug/l	98
85) sec-Butylbenzene	11.93	105	401885	18.619	ug/l	99
86) p-Isopropyltoluene	12.05	119	378291	19.070	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	207968	19.028	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	205438	18.538	ug/l	98
89) n-Butylbenzene	12.37	91	324921	17.693	ug/l	100
90) Hexachloroethane	12.58	117	70377	17.770	ug/l	93
91) 1,2-Dichlorobenzene	12.38	146	189038	18.479	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	35207	19.888	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	129567	18.198	ug/l	95
94) Hexachlorobutadiene	13.76	225	54283	18.169	ug/l	99
95) Naphthalene	13.82	128	412483	19.184	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	127541	18.744	ug/l	98

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

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