

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090120\
 Data File : VX018180.D
 Acq On : 01 Sep 2020 10:36
 Operator : JC/SP
 Sample : VX0901WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0901WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/2/2020 2:23:12 PM

Quant Time: Sep 02 03:02:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	482792	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	742894	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	687180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	358277	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	320991	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	
35) Dibromofluoromethane	5.46	113	247651	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
50) Toluene-d8	8.70	98	900444	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	
62) 4-Bromofluorobenzene	11.12	95	348943	47.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	112852	19.199	ug/l	94
3) Chloromethane	1.31	50	107585	17.360	ug/l	99
4) Vinyl Chloride	1.39	62	108125	17.527	ug/l	96
5) Bromomethane	1.63	94	76774	25.802	ug/l	100
6) Chloroethane	1.71	64	65374	19.730	ug/l	98
7) Trichlorofluoromethane	1.92	101	178430	21.212	ug/l	99
8) Diethyl Ether	2.17	74	56009	19.634	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	88203	19.395	ug/l	98
10) Methyl Iodide	2.49	142	94314	22.621	ug/l	99
11) Tert butyl alcohol	3.01	59	105665	81.082	ug/l	97
12) 1,1-Dichloroethene	2.36	96	83931	17.789	ug/l	92
13) Acrolein	2.27	56	40691	75.304	ug/l	97
14) Allyl chloride	2.70	41	154405	18.215	ug/l	96
15) Acrylonitrile	3.11	53	249386	84.362	ug/l	99
16) Acetone	2.42	43	221702	84.889	ug/l	93
17) Carbon Disulfide	2.55	76	245503	17.213	ug/l	98
18) Methyl Acetate	2.75	43	118730	18.839	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	300425	18.567	ug/l	96
20) Methylene Chloride	2.83	84	102594	18.476	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	93665	17.919	ug/l	96
22) Diisopropyl ether	3.82	45	308650	18.449	ug/l	97
23) Vinyl Acetate	3.78	43	1371851	92.152	ug/l	99
24) 1,1-Dichloroethane	3.67	63	177341	18.621	ug/l	99
25) 2-Butanone	4.63	43	351602	81.917	ug/l	99
26) 2,2-Dichloropropane	4.55	77	165877	21.407	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	106519	17.686	ug/l	98
28) Bromochloromethane	4.98	49	79397	17.271	ug/l	99
29) Tetrahydrofuran	5.09	42	223923	81.954	ug/l	98
30) Chloroform	5.17	83	185708	18.832	ug/l	95
31) Cyclohexane	5.55	56	144761	18.045	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	181286	20.033	ug/l	98
36) 1,1-Dichloropropene	5.77	75	135118	19.719	ug/l	99
37) Ethyl Acetate	4.79	43	137434	17.269	ug/l	99
38) Carbon Tetrachloride	5.75	117	158623	20.542	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	143879	19.203	ug/l	98
40) Benzene	6.11	78	388287	19.285	ug/l	99
41) Methacrylonitrile	5.00	41	76374	17.478	ug/l	97
42) 1,2-Dichloroethane	6.16	62	157138	20.370	ug/l	97
43) Isopropyl Acetate	6.41	43	227296	17.683	ug/l	99
44) Trichloroethene	7.18	130	110225	19.375	ug/l	95
45) 1,2-Dichloropropane	7.49	63	102478	18.885	ug/l	96
46) Dibromomethane	7.64	93	71849	18.828	ug/l	99
47) Bromodichloromethane	7.87	83	150308	19.727	ug/l	99
48) Methyl methacrylate	7.74	41	113178	17.687	ug/l	98
49) 1,4-Dioxane	7.71	88	38107	328.765	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	699518	88.100	ug/l	100
52) Toluene	8.76	92	246648	19.319	ug/l	96
53) t-1,3-Dichloropropene	9.02	75	160517	19.008	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	170448	19.054	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	104176	19.132	ug/l	96
56) Ethyl methacrylate	9.16	69	147585	18.233	ug/l	100
57) 1,3-Dichloropropane	9.35	76	168663	18.780	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	287324	78.907	ug/l	98
59) 2-Hexanone	9.47	43	533206	88.316	ug/l	100
60) Dibromochloromethane	9.56	129	119942	18.778	ug/l	99
61) 1,2-Dibromoethane	9.65	107	112046	18.954	ug/l	98
64) Tetrachloroethene	9.32	164	105691	20.930	ug/l	95
65) Chlorobenzene	10.12	112	274430	19.996	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.21	131	107060	19.792	ug/l	98
67) Ethyl Benzene	10.23	91	463877	19.875	ug/l	100
68) m/p-Xylenes	10.34	106	353882	40.622	ug/l	98
69) o-Xylene	10.68	106	164146	19.437	ug/l	95
70) Styrene	10.70	104	286654	19.932	ug/l	99
71) Bromoform	10.84	173	89942	19.494	ug/l	96
73) Isopropylbenzene	11.00	105	453327	19.183	ug/l	97
74) N-amyl acetate	10.88	43	193295	17.239	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	146516	17.575	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	143385m	17.991	ug/l	
77) Bromobenzene	11.24	156	124348	19.035	ug/l	96
78) n-propylbenzene	11.34	91	521775	19.445	ug/l	99
79) 2-Chlorotoluene	11.40	91	324569	19.578	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	395314	20.356	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	54955	18.623	ug/l	98
82) 4-Chlorotoluene	11.49	91	383463	19.457	ug/l	99
83) tert-Butylbenzene	11.76	119	382146	19.940	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	401986	20.246	ug/l	99
85) sec-Butylbenzene	11.93	105	442668	20.311	ug/l	99
86) p-Isopropyltoluene	12.05	119	421679	21.063	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	228139	19.891	ug/l	95
88) 1,4-Dichlorobenzene	12.08	146	222056	19.337	ug/l	99
89) n-Butylbenzene	12.37	91	349382	19.121	ug/l	100
90) Hexachloroethane	12.58	117	81456	20.681	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	208634	19.325	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	36537	17.528	ug/l	93

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	133065	18.483	ug/l	98
94) Hexachlorobutadiene	13.76	225	60925	21.456	ug/l	97
95) Naphthalene	13.82	128	422113	17.816	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	133854	18.817	ug/l	97

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

