

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031320\
 Data File : VX015246.D
 Acq On : 13 Mar 2020 10:03
 Operator : JC/SP
 Sample : VX0313WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/16/2020 2:07:25 PM

Quant Time: Mar 16 08:41:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	300067	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	444356	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	408478	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	213547	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	156852	44.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.12%	
35) Dibromofluoromethane	5.48	113	135358	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
50) Toluene-d8	8.71	98	522038	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
62) 4-Bromofluorobenzene	11.13	95	189713	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	45216	17.208	ug/l	99
3) Chloromethane	1.32	50	61461	16.513	ug/l	100
4) Vinyl Chloride	1.40	62	63856	16.919	ug/l	94
5) Bromomethane	1.64	94	41039	17.687	ug/l	98
6) Chloroethane	1.72	64	38210	16.877	ug/l	100
7) Trichlorofluoromethane	1.93	101	79049	17.602	ug/l	97
8) Diethyl Ether	2.18	74	35780	17.591	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	50974	18.041	ug/l	98
10) Methyl Iodide	2.50	142	44994	14.095	ug/l	99
11) Tert butyl alcohol	3.03	59	57444	93.005	ug/l	98
12) 1,1-Dichloroethene	2.37	96	49331	16.917	ug/l	98
13) Acrolein	2.28	56	49211	84.783	ug/l	98
14) Allyl chloride	2.72	41	94041	18.496	ug/l	94
15) Acrylonitrile	3.13	53	148462	96.518	ug/l	99
16) Acetone	2.44	43	135048	93.673	ug/l	95
17) Carbon Disulfide	2.56	76	129438	15.984	ug/l	100
18) Methyl Acetate	2.76	43	66806	18.951	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	167620	18.395	ug/l	97
20) Methylene Chloride	2.85	84	58046	17.204	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	55040	17.677	ug/l	98
22) Diisopropyl ether	3.84	45	200633	19.806	ug/l	96
23) Vinyl Acetate	3.80	43	807212	96.940	ug/l	99
24) 1,1-Dichloroethane	3.69	63	103811	18.465	ug/l	97
25) 2-Butanone	4.65	43	209403	99.213	ug/l	99
26) 2,2-Dichloropropane	4.57	77	81408	18.240	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	64003	18.323	ug/l	99
28) Bromochloromethane	5.00	49	54741	21.382	ug/l	96
29) Tetrahydrofuran	5.12	42	132368	97.291	ug/l	97
30) Chloroform	5.20	83	100806	18.396	ug/l	97
31) Cyclohexane	5.58	56	94461	18.836	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	83481	18.378	ug/l	99
36) 1,1-Dichloropropene	5.79	75	74411	18.114	ug/l	98
37) Ethyl Acetate	4.81	43	80195	21.046	ug/l	99
38) Carbon Tetrachloride	5.77	117	70238	18.114	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	92845	19.356	ug/l	99
40) Benzene	6.13	78	232891	19.109	ug/l	99
41) Methacrylonitrile	5.03	41	44766	19.559	ug/l	97
42) 1,2-Dichloroethane	6.18	62	76595	18.301	ug/l	96
43) Isopropyl Acetate	6.43	43	129305	19.289	ug/l	97
44) Trichloroethene	7.20	130	63323	18.656	ug/l	91
45) 1,2-Dichloropropane	7.50	63	60863	19.293	ug/l	94
46) Dibromomethane	7.65	93	37843	18.411	ug/l	96
47) Bromodichloromethane	7.89	83	76771	18.887	ug/l	98
48) Methyl methacrylate	7.76	41	67233	19.706	ug/l	95
49) 1,4-Dioxane	7.74	88	29765	403.502	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	405846	102.397	ug/l	100
52) Toluene	8.78	92	144269	19.360	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	82783	19.134	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	96863	19.804	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	58593	19.103	ug/l	98
56) Ethyl methacrylate	9.17	69	89022	20.348	ug/l	97
57) 1,3-Dichloropropane	9.36	76	101586	19.687	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	235255	98.708	ug/l	100
59) 2-Hexanone	9.48	43	305747	104.079	ug/l	98
60) Dibromochloromethane	9.57	129	61823	19.188	ug/l	98
61) 1,2-Dibromoethane	9.67	107	61612	19.125	ug/l	98
64) Tetrachloroethene	9.33	164	66509	19.693	ug/l	97
65) Chlorobenzene	10.14	112	158171	19.287	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	57269	18.520	ug/l	98
67) Ethyl Benzene	10.25	91	271455	19.493	ug/l	99
68) m/p-Xylenes	10.35	106	207108	39.090	ug/l	100
69) o-Xylene	10.69	106	99395	19.594	ug/l	99
70) Styrene	10.71	104	172556	19.839	ug/l	99
71) Bromoform	10.85	173	44878	18.715	ug/l	99
73) Isopropylbenzene	11.01	105	268040	19.649	ug/l	100
74) N-amyl acetate	10.89	43	111927	19.469	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	84963	18.689	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	70212m	16.483	ug/l	
77) Bromobenzene	11.25	156	70898	18.649	ug/l	99
78) n-propylbenzene	11.35	91	310741	19.938	ug/l	99
79) 2-Chlorotoluene	11.42	91	182202	19.576	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	225022	19.815	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	27284	18.178	ug/l	99
82) 4-Chlorotoluene	11.51	91	210314	19.127	ug/l	99
83) tert-Butylbenzene	11.76	119	220265	20.060	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	227864	19.973	ug/l	100
85) sec-Butylbenzene	11.94	105	265508	20.030	ug/l	100
86) p-Isopropyltoluene	12.06	119	247245	20.245	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	127751	19.115	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	127805	18.523	ug/l	99
89) n-Butylbenzene	12.38	91	214262	19.726	ug/l	99
90) Hexachloroethane	12.59	117	40677	17.618	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	124809	18.784	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	16948	18.617	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	90620	19.648	ug/l	99
94) Hexachlorobutadiene	13.77	225	47749	20.175	ug/l	98
95) Naphthalene	13.83	128	246616	18.371	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	91941	19.979	ug/l	100

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

