

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060819\
 Data File : VX010145.D
 Acq On : 08 Jun 2019 17:53
 Operator : JC/SP
 Sample : VX0608WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/10/2019 9:40:31 AM

Quant Time: Jun 10 08:37:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	282028	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	421998	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	383826	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	196255	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	130708	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	
35) Dibromofluoromethane	5.50	113	131029	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
50) Toluene-d8	8.71	98	499882	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
62) 4-Bromofluorobenzene	11.13	95	181176	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	56396	21.732	ug/l	99
3) Chloromethane	1.32	50	53187	20.638	ug/l	99
4) Vinyl Chloride	1.40	62	52886	21.834	ug/l	98
5) Bromomethane	1.64	94	24413	26.709	ug/l	100
6) Chloroethane	1.72	64	28308	23.180	ug/l	96
7) Trichlorofluoromethane	1.93	101	80102	22.263	ug/l	97
8) Diethyl Ether	2.19	74	27012	21.782	ug/l	77
9) 1,1,2-Trichlorotrifluoroet	2.39	101	48784	19.670	ug/l	90
10) Methyl Iodide	2.51	142	77443	20.153	ug/l	96
11) Tert butyl alcohol	3.04	59	76208	113.003	ug/l	96
12) 1,1-Dichloroethene	2.37	96	50149	19.796	ug/l #	78
13) Acrolein	2.29	56	13514	109.898	ug/l	97
14) Allyl chloride	2.73	41	73318	19.174	ug/l #	89
15) Acrylonitrile	3.14	53	137637	99.850	ug/l	97
16) Acetone	2.44	43	119371	92.192	ug/l #	86
17) Carbon Disulfide	2.57	76	134648	18.396	ug/l	98
18) Methyl Acetate	2.78	43	54815	19.250	ug/l #	82
19) Methyl tert-butyl Ether	3.20	73	157535	19.357	ug/l	94
20) Methylene Chloride	2.85	84	55438	19.496	ug/l #	78
21) trans-1,2-Dichloroethene	3.17	96	53139	18.955	ug/l #	77
22) Diisopropyl ether	3.85	45	144838	19.811	ug/l #	92
23) Vinyl Acetate	3.81	43	649894	99.644	ug/l #	88
24) 1,1-Dichloroethane	3.70	63	86151	19.408	ug/l	96
25) 2-Butanone	4.67	43	188177	97.598	ug/l #	80
26) 2,2-Dichloropropane	4.59	77	74006	18.275	ug/l	92
27) cis-1,2-Dichloroethene	4.60	96	61145	19.606	ug/l	78
28) Bromochloromethane	5.01	49	39877	20.045	ug/l #	46
29) Tetrahydrofuran	5.13	42	120468	99.419	ug/l #	74
30) Chloroform	5.21	83	90175	19.561	ug/l	96
31) Cyclohexane	5.57	56	79849	19.932	ug/l #	83
32) 1,1,1-Trichloroethane	5.50	97	82228	18.973	ug/l	93
36) 1,1-Dichloropropene	5.80	75	67139	19.501	ug/l	91
37) Ethyl Acetate	4.84	43	70331	19.633	ug/l #	91
38) Carbon Tetrachloride	5.79	117	74657	19.158	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	90550	19.315	ug/l #	82
40) Benzene	6.14	78	213436	20.048	ug/l	98
41) Methacrylonitrile	5.04	41	36436	18.803	ug/l #	79
42) 1,2-Dichloroethane	6.20	62	65320	19.219	ug/l	93
43) Isopropyl Acetate	6.45	43	115413	19.269	ug/l #	88
44) Trichloroethene	7.21	130	63692	19.848	ug/l	86
45) 1,2-Dichloropropane	7.51	63	53206	19.968	ug/l	98
46) Dibromomethane	7.66	93	38459	19.265	ug/l	89
47) Bromodichloromethane	7.90	83	72829	19.524	ug/l	97
48) Methyl methacrylate	7.77	41	55028	19.645	ug/l #	76
49) 1,4-Dioxane	7.74	88	33596	420.676	ug/l #	78
51) 4-Methyl-2-Pentanone	8.64	43	365940	102.273	ug/l	89
52) Toluene	8.78	92	139994	20.005	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	81018	18.777	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	88579	19.150	ug/l #	89
55) 1,1,2-Trichloroethane	9.21	97	58186	20.302	ug/l	95
56) Ethyl methacrylate	9.18	69	89814	19.838	ug/l #	81
57) 1,3-Dichloropropane	9.37	76	89005	19.726	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	212771	99.692	ug/l #	86
59) 2-Hexanone	9.49	43	291484	102.173	ug/l	88
60) Dibromochloromethane	9.58	129	67182	19.818	ug/l	99
61) 1,2-Dibromoethane	9.67	107	62668	19.633	ug/l	98
64) Tetrachloroethene	9.34	164	56396	19.783	ug/l	99
65) Chlorobenzene	10.13	112	156984	19.817	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	61092	20.054	ug/l	100
67) Ethyl Benzene	10.25	91	266332	19.749	ug/l	94
68) m/p-Xylenes	10.36	106	210686	40.372	ug/l	88
69) o-Xylene	10.69	106	104183	20.083	ug/l	88
70) Styrene	10.71	104	176990	20.145	ug/l	95
71) Bromoform	10.85	173	55362	19.768	ug/l #	98
73) Isopropylbenzene	11.02	105	269269	19.655	ug/l	95
74) N-amyl acetate	10.90	43	105687	19.515	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.27	83	92816	19.792	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	75178m	19.151	ug/l	
77) Bromobenzene	11.26	156	74158	19.684	ug/l	82
78) n-propylbenzene	11.36	91	296605	19.447	ug/l	94
79) 2-Chlorotoluene	11.42	91	175877	19.200	ug/l	90
80) 1,3,5-Trimethylbenzene	11.51	105	226236	19.606	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	32936	18.538	ug/l #	84
82) 4-Chlorotoluene	11.51	91	203823	19.588	ug/l	91
83) tert-Butylbenzene	11.77	119	231375	19.811	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	229517	19.692	ug/l	97
85) sec-Butylbenzene	11.94	105	265168	19.488	ug/l	95
86) p-Isopropyltoluene	12.06	119	245472	19.734	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	130806	19.712	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	130878	19.565	ug/l	98
89) n-Butylbenzene	12.38	91	205515	19.194	ug/l	97
90) Hexachloroethane	12.59	117	45927	18.535	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	132337	20.513	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21158	19.173	ug/l	64

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	92454	19.578	ug/l	100
94) Hexachlorobutadiene	13.78	225	41306	19.668	ug/l	99
95) Naphthalene	13.83	128	296311	19.933	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	94327	20.202	ug/l	99

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

