

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101519\
 Data File : VY000314.D
 Acq On : 15 Oct 2019 12:54
 Operator : SY/MD
 Sample : VY1015SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1015SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/18/2019 12:40:21 AM

Quant Time: Oct 15 17:48:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 08:10:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	304556	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	520170	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	467021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	227447	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	173979	54.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.32%	
35) Dibromofluoromethane	7.73	113	158171	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
50) Toluene-d8	10.19	98	638512	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	
62) 4-Bromofluorobenzene	12.48	95	228407	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	62140	23.523	ug/l	98
3) Chloromethane	2.12	50	76014	20.425	ug/l	99
4) Vinyl Chloride	2.26	62	77962	20.757	ug/l	97
5) Bromomethane	2.64	94	56793	20.403	ug/l	91
6) Chloroethane	2.79	64	50963	21.030	ug/l	97
7) Trichlorofluoromethane	3.13	101	110053	21.421	ug/l	97
8) Diethyl Ether	3.53	74	38849	21.405	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.90	101	67178	21.561	ug/l	97
10) Methyl Iodide	4.10	142	80649	18.927	ug/l	98
11) Tert butyl alcohol	4.97	59	33460	99.524	ug/l	100
12) 1,1-Dichloroethene	3.88	96	64834	21.078	ug/l	99
13) Acrolein	3.74	56	35853	90.961	ug/l	98
14) Allyl chloride	4.49	41	108090	21.205	ug/l	98
15) Acrylonitrile	5.18	53	101323	99.740	ug/l	97
16) Acetone	3.96	43	87757	84.351	ug/l	100
17) Carbon Disulfide	4.20	76	197574	20.401	ug/l	96
18) Methyl Acetate	4.49	43	52754	20.408	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	182720	21.339	ug/l	100
20) Methylene Chloride	4.73	84	82501	20.307	ug/l	95
21) trans-1,2-Dichloroethene	5.23	96	73136	20.724	ug/l	95
22) Diisopropyl ether	6.13	45	231436	21.467	ug/l	95
23) Vinyl Acetate	6.08	43	729942	103.782	ug/l	99
24) 1,1-Dichloroethane	6.03	63	124901	21.225	ug/l	97
25) 2-Butanone	7.00	43	143132	97.664	ug/l	98
26) 2,2-Dichloropropane	6.99	77	116136	21.417	ug/l	95
27) cis-1,2-Dichloroethene	7.00	96	80456	21.069	ug/l	100
28) Bromochloromethane	7.35	49	46831	18.538	ug/l	97
29) Tetrahydrofuran	7.36	42	85740	96.534	ug/l	97
30) Chloroform	7.52	83	126638	21.369	ug/l	97
31) Cyclohexane	7.79	56	130649	21.257	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	108905	20.670	ug/l	98
36) 1,1-Dichloropropene	7.93	75	100034	19.642	ug/l	98
37) Ethyl Acetate	7.09	43	61514	20.399	ug/l	99
38) Carbon Tetrachloride	7.91	117	95694	19.407	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	129143	19.375	ug/l	95
40) Benzene	8.17	78	295157	20.055	ug/l	100
41) Methacrylonitrile	7.33	41	22577m	15.729	ug/l	
42) 1,2-Dichloroethane	8.25	62	81906	19.483	ug/l	99
43) Isopropyl Acetate	8.28	43	109931	19.172	ug/l	96
44) Trichloroethene	8.95	130	80625	19.524	ug/l	99
45) 1,2-Dichloropropane	9.22	63	71307	19.743	ug/l	97
46) Dibromomethane	9.32	93	41131	20.372	ug/l	94
47) Bromodichloromethane	9.50	83	95659	20.104	ug/l	96
48) Methyl methacrylate	9.30	41	50151	19.958	ug/l	99
49) 1,4-Dioxane	9.31	88	10533	347.935	ug/l	95
51) 4-Methyl-2-Pentanone	10.08	43	293744	99.327	ug/l	99
52) Toluene	10.25	92	185927	19.898	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	103039	20.206	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	118469	20.457	ug/l	94
55) 1,1,2-Trichloroethane	10.65	97	57406	19.555	ug/l	99
56) Ethyl methacrylate	10.52	69	85151	20.350	ug/l	99
57) 1,3-Dichloropropane	10.80	76	102750	20.381	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	204240	122.374	ug/l	98
59) 2-Hexanone	10.84	43	212305	102.276	ug/l	99
60) Dibromochloromethane	10.99	129	64749	19.900	ug/l	96
61) 1,2-Dibromoethane	11.09	107	56866	20.175	ug/l	100
64) Tetrachloroethene	10.72	164	84850	19.084	ug/l	92
65) Chlorobenzene	11.52	112	193989	19.682	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	66968	19.342	ug/l	99
67) Ethyl Benzene	11.60	91	361151	19.766	ug/l	98
68) m/p-Xylenes	11.70	106	271792	38.912	ug/l	97
69) o-Xylene	12.03	106	128820	19.333	ug/l	98
70) Styrene	12.05	104	220512	19.623	ug/l	99
71) Bromoform	12.21	173	39157	19.674	ug/l #	98
73) Isopropylbenzene	12.33	105	347820	19.612	ug/l	98
74) N-amyl acetate	12.14	43	97910	22.488	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	64432	19.350	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	55552m	19.863	ug/l	
77) Bromobenzene	12.61	156	78438	19.876	ug/l	98
78) n-propylbenzene	12.67	91	425476	19.982	ug/l	99
79) 2-Chlorotoluene	12.76	91	236121	20.079	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	297396	19.998	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	23987	18.765	ug/l	97
82) 4-Chlorotoluene	12.86	91	250233	20.131	ug/l	100
83) tert-Butylbenzene	13.08	119	247569	19.659	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	295771	20.152	ug/l	98
85) sec-Butylbenzene	13.25	105	363297	19.942	ug/l	100
86) p-Isopropyltoluene	13.37	119	319838	20.138	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	153397	19.728	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	157570	20.275	ug/l	99
89) n-Butylbenzene	13.70	91	319839	20.378	ug/l	98
90) Hexachloroethane	13.96	117	59950	20.384	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	140362	19.947	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	12742	20.177	ug/l	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	97056	19.810	ug/l	99
94) Hexachlorobutadiene	15.11	225	51581	19.455	ug/l	99
95) Naphthalene	15.23	128	219838	20.107	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	89100	20.179	ug/l	97

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

