

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY103019\
 Data File : VY000493.D
 Acq On : 30 Oct 2019 16:16
 Operator : SY/MD
 Sample : VY1030SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1030SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/31/2019 11:31:47 AM

Quant Time: Oct 31 03:26:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	248449	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	403529	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	366264	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	174994	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	130926	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
35) Dibromofluoromethane	7.73	113	118368	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
50) Toluene-d8	10.18	98	484790	53.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.86%	
62) 4-Bromofluorobenzene	12.48	95	169158	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	48835	19.968	ug/l	96
3) Chloromethane	2.12	50	69465	20.618	ug/l	99
4) Vinyl Chloride	2.26	62	64898	20.743	ug/l	99
5) Bromomethane	2.65	94	41656	22.203	ug/l	89
6) Chloroethane	2.79	64	40542	20.705	ug/l	99
7) Trichlorofluoromethane	3.13	101	88435	20.930	ug/l	95
8) Diethyl Ether	3.54	74	32019	21.327	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.90	101	53325	20.876	ug/l	96
10) Methyl Iodide	4.10	142	62390	20.568	ug/l	97
11) Tert butyl alcohol	4.98	59	25517	101.953	ug/l	96
12) 1,1-Dichloroethene	3.87	96	52846	21.294	ug/l	98
13) Acrolein	3.73	56	21119	96.872	ug/l	98
14) Allyl chloride	4.49	41	85742	21.247	ug/l	99
15) Acrylonitrile	5.18	53	80550	104.737	ug/l	99
16) Acetone	3.96	43	68280	96.355	ug/l	99
17) Carbon Disulfide	4.19	76	159934	20.433	ug/l	99
18) Methyl Acetate	4.49	43	44693	20.284	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	142741	20.687	ug/l	99
20) Methylene Chloride	4.72	84	64753	21.325	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	58292	20.776	ug/l	91
22) Diisopropyl ether	6.13	45	177106	20.192	ug/l	94
23) Vinyl Acetate	6.07	43	587348	106.080	ug/l	97
24) 1,1-Dichloroethane	6.02	63	98806	20.794	ug/l	99
25) 2-Butanone	7.00	43	113501	100.361	ug/l	97
26) 2,2-Dichloropropane	6.99	77	91297	21.024	ug/l	96
27) cis-1,2-Dichloroethene	6.99	96	65219	21.258	ug/l	96
28) Bromochloromethane	7.35	49	24529	14.485	ug/l	98
29) Tetrahydrofuran	7.36	42	70618	102.070	ug/l	99
30) Chloroform	7.51	83	98215	20.432	ug/l	98
31) Cyclohexane	7.79	56	98977	19.887	ug/l #	95
32) 1,1,1-Trichloroethane	7.71	97	88889	20.749	ug/l	99
36) 1,1-Dichloropropene	7.93	75	79245	20.773	ug/l	98
37) Ethyl Acetate	7.09	43	47921	21.159	ug/l	97
38) Carbon Tetrachloride	7.91	117	77588	21.137	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	102859	20.871	ug/l	94
40) Benzene	8.17	78	233138	20.846	ug/l	97
41) Methacrylonitrile	7.32	41	26492m	20.968	ug/l	
42) 1,2-Dichloroethane	8.24	62	69710	21.976	ug/l	100
43) Isopropyl Acetate	8.28	43	88359	20.768	ug/l	99
44) Trichloroethene	8.95	130	63554	21.552	ug/l	91
45) 1,2-Dichloropropane	9.22	63	57010	20.711	ug/l	99
46) Dibromomethane	9.31	93	32436	21.427	ug/l	100
47) Bromodichloromethane	9.50	83	74019	20.607	ug/l	96
48) Methyl methacrylate	9.30	41	41634	22.397	ug/l	97
49) 1,4-Dioxane	9.31	88	8568	420.540	ug/l	93
51) 4-Methyl-2-Pentanone	10.08	43	246433	108.944	ug/l	99
52) Toluene	10.25	92	145736	20.611	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	81887	21.336	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	92844	21.116	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	48603	22.198	ug/l	91
56) Ethyl methacrylate	10.51	69	66722	21.500	ug/l	100
57) 1,3-Dichloropropane	10.79	76	82292	21.474	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	142411	101.506	ug/l	99
59) 2-Hexanone	10.83	43	175961	106.766	ug/l	98
60) Dibromochloromethane	10.99	129	51970	20.722	ug/l	97
61) 1,2-Dibromoethane	11.09	107	44616	21.193	ug/l	99
64) Tetrachloroethene	10.72	164	61430	20.284	ug/l	96
65) Chlorobenzene	11.52	112	155586	20.952	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	53942	20.945	ug/l	98
67) Ethyl Benzene	11.59	91	283004	20.707	ug/l	99
68) m/p-Xylenes	11.70	106	221959	41.961	ug/l	99
69) o-Xylene	12.03	106	102553	20.629	ug/l	99
70) Styrene	12.05	104	172765	20.295	ug/l	100
71) Bromoform	12.20	173	31020	20.941	ug/l #	99
73) Isopropylbenzene	12.33	105	273663	21.159	ug/l	99
74) N-amyl acetate	12.14	43	80299	21.678	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	55002	21.478	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	39652m	19.900	ug/l	
77) Bromobenzene	12.61	156	62858	21.432	ug/l	98
78) n-propylbenzene	12.67	91	334858	21.458	ug/l	100
79) 2-Chlorotoluene	12.75	91	180374	20.820	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	233711	21.697	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	20304	22.847	ug/l	94
82) 4-Chlorotoluene	12.85	91	191923	21.372	ug/l	99
83) tert-Butylbenzene	13.08	119	196905	21.409	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	228731	21.327	ug/l	99
85) sec-Butylbenzene	13.25	105	281871	21.511	ug/l	100
86) p-Isopropyltoluene	13.37	119	246750	21.129	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	122835	21.382	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	127159	22.151	ug/l	98
89) n-Butylbenzene	13.69	91	246485	21.399	ug/l	99
90) Hexachloroethane	13.95	117	45588	21.115	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	112225	21.531	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9874	21.787	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	80281	22.621	ug/l	98
94) Hexachlorobutadiene	15.11	225	40998	22.410	ug/l	98
95) Naphthalene	15.23	128	187435	23.791	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	69391	21.794	ug/l	98

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

