

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY013020\
 Data File : VY001426.D
 Acq On : 30 Jan 2020 13:47
 Operator : SY/MD
 Sample : VY0130SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0130SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/31/2020 4:26:12 PM

Quant Time: Jan 30 15:27:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	191317	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	332562	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.51	117	291620	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	135758	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	105651	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
35) Dibromofluoromethane	7.75	113	98632	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
50) Toluene-d8	10.20	98	404281	53.31	ug/l	0.01
Spiked Amount	50.000		Recovery	=	106.62%	
62) 4-Bromofluorobenzene	12.50	95	146849	48.63	ug/l	0.01
Spiked Amount	50.000		Recovery	=	97.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.92	85	36130	23.947	ug/l	99
3) Chloromethane	2.13	50	51285	22.491	ug/l	99
4) Vinyl Chloride	2.27	62	52529	22.093	ug/l	96
5) Bromomethane	2.68	94	34553	21.578	ug/l	96
6) Chloroethane	2.82	64	34556	22.745	ug/l	92
7) Trichlorofluoromethane	3.16	101	71044	23.353	ug/l	98
8) Diethyl Ether	3.57	74	27807	21.653	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.94	101	45845	23.664	ug/l	99
10) Methyl Iodide	4.13	142	51933	20.325	ug/l	98
11) Tert butyl alcohol	5.00	59	33735	118.714	ug/l #	95
12) 1,1-Dichloroethene	3.91	96	46121	22.705	ug/l	97
13) Acrolein	3.77	56	17706	107.300	ug/l	96
14) Allyl chloride	4.52	41	80986	22.357	ug/l	100
15) Acrylonitrile	5.21	53	71373	108.576	ug/l	98
16) Acetone	3.99	43	66806	117.811	ug/l #	88
17) Carbon Disulfide	4.24	76	142039	22.233	ug/l	100
18) Methyl Acetate	4.52	43	36984	21.066	ug/l	98
19) Methyl tert-butyl Ether	5.27	73	127361	21.414	ug/l	98
20) Methylene Chloride	4.77	84	60299	20.998	ug/l	96
21) trans-1,2-Dichloroethene	5.27	96	51621	21.878	ug/l	97
22) Diisopropyl ether	6.16	45	165594	21.527	ug/l	97
23) Vinyl Acetate	6.11	43	536189	107.370	ug/l	99
24) 1,1-Dichloroethane	6.07	63	90659	22.360	ug/l	98
25) 2-Butanone	7.03	43	101336	111.836	ug/l	98
26) 2,2-Dichloropropane	7.02	77	80208	22.209	ug/l	99
27) cis-1,2-Dichloroethene	7.03	96	58194	22.068	ug/l	99
28) Bromochloromethane	7.37	49	30292	18.116	ug/l	99
29) Tetrahydrofuran	7.39	42	62982	106.839	ug/l	99
30) Chloroform	7.55	83	85566	21.531	ug/l	99
31) Cyclohexane	7.82	56	93007	23.104	ug/l	94
32) 1,1,1-Trichloroethane	7.74	97	74571	22.223	ug/l	99
36) 1,1-Dichloropropene	7.96	75	72198	22.979	ug/l	99
37) Ethyl Acetate	7.12	43	42224	21.996	ug/l	99
38) Carbon Tetrachloride	7.94	117	63638	22.727	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	95731	23.785	ug/l	97
40) Benzene	8.19	78	212839	22.593	ug/l	99
41) Methacrylonitrile	7.36	41	23383m	23.605	ug/l	
42) 1,2-Dichloroethane	8.27	62	58283	22.141	ug/l	100
43) Isopropyl Acetate	8.30	43	82347	22.061	ug/l	100
44) Trichloroethene	8.97	130	54532	22.558	ug/l	99
45) 1,2-Dichloropropane	9.24	63	53239	22.355	ug/l	99
46) Dibromomethane	9.33	93	27088	21.187	ug/l	99
47) Bromodichloromethane	9.52	83	67230	21.997	ug/l	99
48) Methyl methacrylate	9.32	41	36712	21.635	ug/l	99
49) 1,4-Dioxane	9.33	88	7314	405.667	ug/l	93
51) 4-Methyl-2-Pentanone	10.10	43	210316	109.411	ug/l	100
52) Toluene	10.27	92	134116	22.458	ug/l	99
53) t-1,3-Dichloropropene	10.49	75	73671	21.747	ug/l	98
54) cis-1,3-Dichloropropene	9.95	75	86095	22.142	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	41819	22.161	ug/l	98
56) Ethyl methacrylate	10.53	69	60977	21.379	ug/l	98
57) 1,3-Dichloropropane	10.81	76	73868	22.471	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.81	63	114547	116.062	ug/l	100
59) 2-Hexanone	10.85	43	151666	113.335	ug/l	99
60) Dibromochloromethane	11.00	129	46033	21.811	ug/l	100
61) 1,2-Dibromoethane	11.11	107	38939	21.828	ug/l	99
64) Tetrachloroethene	10.74	164	44889	24.098	ug/l	97
65) Chlorobenzene	11.53	112	138328	22.503	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.61	131	47051	22.429	ug/l	99
67) Ethyl Benzene	11.61	91	258598	22.828	ug/l	99
68) m/p-Xylenes	11.72	106	194436	45.956	ug/l	98
69) o-Xylene	12.05	106	90993	22.356	ug/l	100
70) Styrene	12.06	104	160113	22.421	ug/l	99
71) Bromoform	12.22	173	26713	21.332	ug/l #	99
73) Isopropylbenzene	12.34	105	244764	22.849	ug/l	100
74) N-amyl acetate	12.16	43	75797	21.616	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	52053	22.689	ug/l	98
76) 1,2,3-Trichloropropane	12.65	75	40283m	24.624	ug/l	
77) Bromobenzene	12.63	156	53256	22.445	ug/l	99
78) n-propylbenzene	12.69	91	299912	23.260	ug/l	99
79) 2-Chlorotoluene	12.77	91	169386	22.995	ug/l	99
80) 1,3,5-Trimethylbenzene	12.83	105	204925	22.917	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	18895	21.858	ug/l	98
82) 4-Chlorotoluene	12.87	91	178374	22.670	ug/l	100
83) tert-Butylbenzene	13.09	119	172547	22.892	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	204977	22.832	ug/l	100
85) sec-Butylbenzene	13.27	105	251627	23.497	ug/l	100
86) p-Isopropyltoluene	13.38	119	221445	23.465	ug/l	98
87) 1,3-Dichlorobenzene	13.38	146	103293	22.604	ug/l	100
88) 1,4-Dichlorobenzene	13.46	146	102057	21.996	ug/l	98
89) n-Butylbenzene	13.71	91	220231	23.188	ug/l	99
90) Hexachloroethane	13.97	117	40838	22.829	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	94204	22.354	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	8582	21.678	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	60509	21.393	ug/l	99
94) Hexachlorobutadiene	15.12	225	30139	21.884	ug/l	97
95) Naphthalene	15.25	128	139758	21.609	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	53776	21.674	ug/l	99

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

