

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042120\
 Data File : VY002429.D
 Acq On : 21 Apr 2020 13:50
 Operator : SY/MD
 Sample : VY0421SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0421SBS01

Manual Integrations
 APPROVED

MMDadoda
 4/22/2020 11:44:25 AM

Quant Time: Apr 21 16:03:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042020S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 20 15:14:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	278472	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	424714	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	381464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	177519	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	103050	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
35) Dibromofluoromethane	7.74	113	116068	51.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.92%	
50) Toluene-d8	10.18	98	472056	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	
62) 4-Bromofluorobenzene	12.49	95	155631	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.91	85	37554	19.739	ug/l 99
3) Chloromethane	2.12	50	47715	20.542	ug/l 100
4) Vinyl Chloride	2.26	62	51280	20.492	ug/l 96
5) Bromomethane	2.66	94	29092	17.928	ug/l 91
6) Chloroethane	2.80	64	25715	17.406	ug/l 96
7) Trichlorofluoromethane	3.14	101	73386	18.842	ug/l 96
8) Diethyl Ether	3.55	74	30071	19.563	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.92	101	49976	19.617	ug/l 99
10) Methyl Iodide	4.11	142	60526	17.619	ug/l 99
11) Tert butyl alcohol	4.97	59	23782	98.251	ug/l 98
12) 1,1-Dichloroethene	3.89	96	51930	19.639	ug/l 97
13) Acrolein	3.75	56	20492	86.145	ug/l 100
14) Allyl chloride	4.50	41	61453	18.896	ug/l 98
15) Acrylonitrile	5.19	53	68977	100.120	ug/l 98
16) Acetone	3.97	43	56415	104.233	ug/l 99
17) Carbon Disulfide	4.21	76	153256	19.021	ug/l 99
18) Methyl Acetate	4.49	43	29643	19.161	ug/l 99
19) Methyl tert-butyl Ether	5.24	73	120874	19.464	ug/l 100
20) Methylene Chloride	4.74	84	67227	22.197	ug/l 97
21) trans-1,2-Dichloroethene	5.24	96	56382	19.703	ug/l 95
22) Diisopropyl ether	6.14	45	124465	19.089	ug/l 97
23) Vinyl Acetate	6.08	43	397149	96.699	ug/l 100
24) 1,1-Dichloroethane	6.04	63	80930	19.572	ug/l 98
25) 2-Butanone	7.00	43	75408	97.742	ug/l 100
26) 2,2-Dichloropropane	7.00	77	70510	19.479	ug/l 100
27) cis-1,2-Dichloroethene	7.00	96	60577	19.519	ug/l 99
28) Bromochloromethane	7.35	49	31549	20.023	ug/l 97
29) Tetrahydrofuran	7.36	42	47614	96.226	ug/l 97
30) Chloroform	7.52	83	80878	18.953	ug/l 99
31) Cyclohexane	7.80	56	79108	18.875	ug/l 97
32) 1,1,1-Trichloroethane	7.72	97	73602	19.529	ug/l 98
36) 1,1-Dichloropropene	7.93	75	65896	19.282	ug/l 99
37) Ethyl Acetate	7.09	43	31420	19.661	ug/l 98
38) Carbon Tetrachloride	7.91	117	66948	19.449	ug/l 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	90548	19.191	ug/l	97
40) Benzene	8.18	78	206819	19.663	ug/l	100
41) Methacrylonitrile	7.33	41	14169m	16.648	ug/l	
42) 1,2-Dichloroethane	8.25	62	48052	19.391	ug/l	99
43) Isopropyl Acetate	8.28	43	57429	19.164	ug/l	100
44) Trichloroethene	8.95	130	70674	20.098	ug/l	99
45) 1,2-Dichloropropane	9.22	63	47154	19.627	ug/l	97
46) Dibromomethane	9.32	93	28004	19.972	ug/l	98
47) Bromodichloromethane	9.50	83	61721	19.402	ug/l	96
48) Methyl methacrylate	9.30	41	25096	18.756	ug/l	95
49) 1,4-Dioxane	9.31	88	7846	379.547	ug/l	98
51) 4-Methyl-2-Pentanone	10.08	43	157666	101.299	ug/l	99
52) Toluene	10.25	92	129888	19.513	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	66260	19.474	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	80480	19.888	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	42350	20.137	ug/l	98
56) Ethyl methacrylate	10.52	69	53620	19.794	ug/l	99
57) 1,3-Dichloropropane	10.80	76	68447	19.880	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	135885	101.265	ug/l	100
59) 2-Hexanone	10.83	43	110494	100.026	ug/l	99
60) Dibromochloromethane	10.99	129	49226	19.433	ug/l	99
61) 1,2-Dibromoethane	11.09	107	40921	19.943	ug/l	99
64) Tetrachloroethene	10.72	164	81742	20.085	ug/l	98
65) Chlorobenzene	11.52	112	145130	19.832	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.60	131	50082	19.399	ug/l	99
67) Ethyl Benzene	11.60	91	247075	19.521	ug/l	97
68) m/p-Xylenes	11.70	106	194090	39.681	ug/l	99
69) o-Xylene	12.03	106	91722	19.904	ug/l	99
70) Styrene	12.05	104	157241	19.933	ug/l	99
71) Bromoform	12.21	173	31253	19.782	ug/l #	96
73) Isopropylbenzene	12.33	105	247530	21.246	ug/l	100
74) N-amyl acetate	12.14	43	51709	20.305	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	29791	20.770	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	29800m	19.055	ug/l	
77) Bromobenzene	12.61	156	62131	21.169	ug/l	99
78) n-propylbenzene	12.67	91	285639	20.756	ug/l	99
79) 2-Chlorotoluene	12.76	91	155171	20.652	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	198845	20.700	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	16984	21.165	ug/l	98
82) 4-Chlorotoluene	12.86	91	162641	20.594	ug/l #	100
83) tert-Butylbenzene	13.08	119	176183	21.126	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	200862	20.872	ug/l	99
85) sec-Butylbenzene	13.25	105	239181	20.156	ug/l	100
86) p-Isopropyltoluene	13.38	119	217241	20.185	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	112245	20.559	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	110583	20.012	ug/l	99
89) n-Butylbenzene	13.70	91	189911	18.926	ug/l	100
90) Hexachloroethane	13.97	117	38806	19.232	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	102464	20.503	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	6404	19.560	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	74958	20.938	ug/l	99
94) Hexachlorobutadiene	15.12	225	41884	21.335	ug/l	99
95) Naphthalene	15.24	128	142595	20.548	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	63645	20.480	ug/l	99

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

