

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY072820\
 Data File : VY003372.D
 Acq On : 28 Jul 2020 13:52
 Operator : SY/MD
 Sample : VY0728SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0728SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/29/2020 7:07:23 PM

Quant Time: Jul 29 03:03:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	458667	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	676018	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	613730	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	330239	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	191603	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
35) Dibromofluoromethane	7.72	113	187630	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	
50) Toluene-d8	10.18	98	674766	46.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.30%	
62) 4-Bromofluorobenzene	12.48	95	249252	47.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.40%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	72381	22.018	ug/l	98
3) Chloromethane	2.12	50	99342	21.786	ug/l	99
4) Vinyl Chloride	2.26	62	101453	21.685	ug/l	98
5) Bromomethane	2.65	94	77535	22.312	ug/l	100
6) Chloroethane	2.79	64	65005	21.154	ug/l	95
7) Trichlorofluoromethane	3.13	101	146244	21.888	ug/l	96
8) Diethyl Ether	3.53	74	50214	22.428	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.90	101	86549	21.448	ug/l	99
10) Methyl Iodide	4.09	142	87630	19.988	ug/l	99
11) Tert butyl alcohol	4.96	59	54085	129.201	ug/l	95
12) 1,1-Dichloroethene	3.87	96	83574	21.897	ug/l	98
13) Acrolein	3.74	56	24201	66.606	ug/l	99
14) Allyl chloride	4.49	41	134186	23.694	ug/l	96
15) Acrylonitrile	5.18	53	123022	114.388	ug/l	97
16) Acetone	3.95	43	103886	120.136	ug/l	92
17) Carbon Disulfide	4.19	76	252805	21.585	ug/l	98
18) Methyl Acetate	4.48	43	59151	24.631	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	229981	21.502	ug/l	97
20) Methylene Chloride	4.72	84	115970	23.772	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	93439	21.645	ug/l	98
22) Diisopropyl ether	6.13	45	287583	22.880	ug/l	96
23) Vinyl Acetate	6.07	43	924799	110.389	ug/l	99
24) 1,1-Dichloroethane	6.02	63	162440	22.307	ug/l	99
25) 2-Butanone	6.99	43	160861	113.297	ug/l	94
26) 2,2-Dichloropropane	6.99	77	148619	22.663	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	102450	21.555	ug/l	98
28) Bromochloromethane	7.34	49	74823	23.733	ug/l	96
29) Tetrahydrofuran	7.36	42	108496	113.750	ug/l	96
30) Chloroform	7.51	83	165618	22.083	ug/l	97
31) Cyclohexane	7.79	56	156161	22.177	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	150803	22.335	ug/l	98
36) 1,1-Dichloropropene	7.92	75	130472	21.295	ug/l	99
37) Ethyl Acetate	7.08	43	74281	22.512	ug/l	98
38) Carbon Tetrachloride	7.90	117	137606	21.755	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	160335	20.831	ug/l	95
40) Benzene	8.16	78	363670	21.557	ug/l	96
41) Methacrylonitrile	7.33	41	40378m	20.319	ug/l	
42) 1,2-Dichloroethane	8.24	62	109009	20.988	ug/l	96
43) Isopropyl Acetate	8.28	43	138401	21.670	ug/l	99
44) Trichloroethene	8.94	130	103608	20.034	ug/l	98
45) 1,2-Dichloropropane	9.22	63	94457	21.638	ug/l	97
46) Dibromomethane	9.30	93	52886	20.743	ug/l	98
47) Bromodichloromethane	9.50	83	130475	21.517	ug/l	99
48) Methyl methacrylate	9.29	41	60965	21.352	ug/l	96
49) 1,4-Dioxane	9.30	88	12461	385.088	ug/l #	82
51) 4-Methyl-2-Pentanone	10.07	43	358457	107.981	ug/l	99
52) Toluene	10.24	92	230237	21.352	ug/l	98
53) t-1,3-Dichloropropene	10.46	75	133751	21.289	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	156707	21.648	ug/l	94
55) 1,1,2-Trichloroethane	10.64	97	75587	20.921	ug/l	99
56) Ethyl methacrylate	10.51	69	100980	20.558	ug/l	97
57) 1,3-Dichloropropane	10.79	76	129384	21.121	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	288060	114.991	ug/l	98
59) 2-Hexanone	10.83	43	252172	108.820	ug/l	99
60) Dibromochloromethane	10.99	129	95519	21.020	ug/l	99
61) 1,2-Dibromoethane	11.09	107	71234	19.977	ug/l	98
64) Tetrachloroethene	10.72	164	105962	19.364	ug/l	98
65) Chlorobenzene	11.52	112	252227	21.333	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	97621	21.259	ug/l	98
67) Ethyl Benzene	11.59	91	447011	21.175	ug/l	96
68) m/p-Xylenes	11.70	106	341203	42.598	ug/l	99
69) o-Xylene	12.03	106	159504	21.316	ug/l	99
70) Styrene	12.04	104	270275	21.114	ug/l	99
71) Bromoform	12.20	173	63435	21.047	ug/l #	99
73) Isopropylbenzene	12.33	105	438665	20.844	ug/l	99
74) N-amyl acetate	12.14	43	127720	21.629	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	87814	21.605	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	62966m	21.540	ug/l	
77) Bromobenzene	12.61	156	112960	21.057	ug/l	98
78) n-propylbenzene	12.67	91	528606	21.309	ug/l	100
79) 2-Chlorotoluene	12.75	91	291396	21.054	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	372916	21.261	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	32432	21.593	ug/l #	79
82) 4-Chlorotoluene	12.85	91	307599	21.293	ug/l	99
83) tert-Butylbenzene	13.08	119	330052	21.326	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	376094	21.311	ug/l	99
85) sec-Butylbenzene	13.25	105	453622	21.325	ug/l	100
86) p-Isopropyltoluene	13.37	119	422967	21.296	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	210676	20.768	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	214928	21.400	ug/l	100
89) n-Butylbenzene	13.69	91	402326	21.535	ug/l	99
90) Hexachloroethane	13.96	117	80236	22.183	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	189217	21.254	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	13355	20.267	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	137427	21.699	ug/l	100
94) Hexachlorobutadiene	15.11	225	90740	20.910	ug/l	99
95) Naphthalene	15.23	128	221754	21.187	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	110775	22.127	ug/l	97

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

