

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042020\
 Data File : VY002421.D
 Acq On : 20 Apr 2020 13:55
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Quant Time: Apr 20 14:56:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042020S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 20 14:34:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	293903	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	453292	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	408183	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	204250	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	42777	13.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	27.78%	
35) Dibromofluoromethane	7.74	113	46934	17.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	35.48%	
50) Toluene-d8	10.19	98	193046	17.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	35.18%	
62) 4-Bromofluorobenzene	12.49	95	62583	17.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	34.66%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	38836	13.747	ug/l	100
3) Chloromethane	2.12	50	47426	13.406	ug/l	96
4) Vinyl Chloride	2.26	62	51956	13.733	ug/l	100
5) Bromomethane	2.65	94	31938	13.677	ug/l	98
6) Chloroethane	2.80	64	30502	14.005	ug/l	96
7) Trichlorofluoromethane	3.14	101	84394	16.921	ug/l	99
8) Diethyl Ether	3.55	74	33559	15.985	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.93	101	55055	16.316	ug/l	99
10) Methyl Iodide	4.11	142	71536	17.680	ug/l	100
11) Tert butyl alcohol	4.99	59	28612	69.578	ug/l #	87
12) 1,1-Dichloroethene	3.90	96	56402	16.387	ug/l	100
13) Acrolein	3.75	56	23053	57.509	ug/l	100
14) Allyl chloride	4.51	41	72589	13.566	ug/l	97
15) Acrylonitrile	5.19	53	77767	73.460	ug/l	99
16) Acetone	3.97	43	57298	70.278	ug/l	99
17) Carbon Disulfide	4.21	76	167958	14.861	ug/l	100
18) Methyl Acetate	4.51	43	36202	14.473	ug/l	95
19) Methyl tert-butyl Ether	5.25	73	137945	15.518	ug/l	98
20) Methylene Chloride	4.74	84	65693	16.074	ug/l	97
21) trans-1,2-Dichloroethene	5.25	96	61420	15.984	ug/l	95
22) Diisopropyl ether	6.14	45	150383	13.998	ug/l	98
23) Vinyl Acetate	6.08	43	474087	69.049	ug/l	98
24) 1,1-Dichloroethane	6.04	63	90253	14.531	ug/l	96
25) 2-Butanone	7.01	43	89134	69.694	ug/l	94
26) 2,2-Dichloropropane	7.00	77	78545	14.977	ug/l	99
27) cis-1,2-Dichloroethene	7.01	96	66522	15.909	ug/l	98
28) Bromochloromethane	7.36	49	37470	14.272	ug/l	96
29) Tetrahydrofuran	7.37	42	57065	67.699	ug/l	97
30) Chloroform	7.53	83	93144	15.749	ug/l	93
31) Cyclohexane	7.80	56	90736	14.001	ug/l	98
32) 1,1,1-Trichloroethane	7.72	97	81754	16.527	ug/l	99
36) 1,1-Dichloropropene	7.94	75	74609	17.172	ug/l	99
37) Ethyl Acetate	7.10	43	37088	15.235	ug/l	100
38) Carbon Tetrachloride	7.92	117	74309	19.467	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	102745	17.335	ug/l	98
40) Benzene	8.18	78	231777	17.535	ug/l	99
41) Methacrylonitrile	7.34	41	17774m	12.423	ug/l	
42) 1,2-Dichloroethane	8.25	62	54852	16.839	ug/l	98
43) Isopropyl Acetate	8.28	43	69515	15.687	ug/l	99
44) Trichloroethene	8.95	130	77447	19.435	ug/l	99
45) 1,2-Dichloropropane	9.23	63	53629	16.571	ug/l	94
46) Dibromomethane	9.32	93	31254	18.133	ug/l	97
47) Bromodichloromethane	9.51	83	70376	17.840	ug/l	94
48) Methyl methacrylate	9.30	41	30762	15.459	ug/l	96
49) 1,4-Dioxane	9.31	88	9480	386.825	ug/l	92
51) 4-Methyl-2-Pentanone	10.08	43	183765	79.266	ug/l	98
52) Toluene	10.25	92	145251	18.139	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	74007	17.298	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	89453	17.404	ug/l	96
55) 1,1,2-Trichloroethane	10.66	97	46903	18.556	ug/l	95
56) Ethyl methacrylate	10.52	69	61493	17.302	ug/l	99
57) 1,3-Dichloropropane	10.80	76	77539	17.633	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	149517	81.081	ug/l	98
59) 2-Hexanone	10.84	43	130640	81.255	ug/l	97
60) Dibromochloromethane	11.00	129	56491	20.559	ug/l	99
61) 1,2-Dibromoethane	11.10	107	45387	18.749	ug/l	100
64) Tetrachloroethene	10.73	164	89838	21.486	ug/l	98
65) Chlorobenzene	11.52	112	158440	18.853	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	57145	20.426	ug/l	98
67) Ethyl Benzene	11.60	91	276613	18.162	ug/l	100
68) m/p-Xylenes	11.71	106	212861	37.075	ug/l	99
69) o-Xylene	12.03	106	100552	18.655	ug/l	99
70) Styrene	12.05	104	170635	18.273	ug/l	99
71) Bromoform	12.22	173	34453	22.204	ug/l #	98
73) Isopropylbenzene	12.34	105	270260	17.309	ug/l	100
74) N-amyl acetate	12.15	43	62217	14.429	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	33108	17.495	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	39893m	17.566	ug/l	
77) Bromobenzene	12.62	156	67429	19.219	ug/l	95
78) n-propylbenzene	12.68	91	320781	16.621	ug/l	99
79) 2-Chlorotoluene	12.77	91	173903	16.571	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	225612	17.483	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	19222	16.426	ug/l	100
82) 4-Chlorotoluene	12.86	91	183063	16.643	ug/l #	100
83) tert-Butylbenzene	13.08	119	197019	18.157	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	224340	17.398	ug/l	100
85) sec-Butylbenzene	13.26	105	279084	17.309	ug/l	100
86) p-Isopropyltoluene	13.38	119	253169	18.140	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	127422	18.841	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	127651	18.571	ug/l	98
89) n-Butylbenzene	13.70	91	236869	16.752	ug/l	99
90) Hexachloroethane	13.97	117	46618	17.564	ug/l	97
91) 1,2-Dichlorobenzene	13.75	146	117123	19.054	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	7825	17.231	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	84188	20.585	ug/l	99
94) Hexachlorobutadiene	15.13	225	46028	22.083	ug/l	99
95) Naphthalene	15.25	128	162702	18.586	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	71251	20.072	ug/l	98

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

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