

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040821\
 Data File : VY004329.D
 Acq On : 08 Apr 2021 12:31
 Operator : SY/MD
 Sample : VY0408SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0408SBS01

Manual Integrations
 APPROVED

MMDadoda
 4/9/2021 9:58:59 AM

Quant Time: Apr 08 12:39:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 30 06:38:14 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.801	168	166553	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	268178	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	240741	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	112936	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	82473	51.51	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.02%			
35) Dibromofluoromethane	7.728	113	70730	47.33	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 94.66%			
50) Toluene-d8	10.185	98	271738	48.35	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.70%			
62) 4-Bromofluorobenzene	12.483	95	95722	49.70	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.40%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	24809	17.20	ug/l	100
3) Chloromethane	2.119	50	37270	19.14	ug/l	100
4) Vinyl Chloride	2.259	62	57749	26.61	ug/l	95
5) Bromomethane	2.650	94	20254	16.97	ug/l	95
6) Chloroethane	2.796	64	26111	18.56	ug/l	99
7) Trichlorofluoromethane	3.131	101	54741	19.41	ug/l	100
8) Diethyl Ether	3.540	74	20260	22.39	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.912	101	31229	20.34	ug/l	97
10) Methyl Iodide	4.101	142	33538	18.90	ug/l	99
11) Tert butyl alcohol	4.978	59	18733	143.78	ug/l #	82
12) 1,1-Dichloroethene	3.881	96	30053	19.95	ug/l	97
13) Acrolein	3.741	56	14298	124.53	ug/l	99
14) Allyl chloride	4.491	41	56901	23.71	ug/l	94
15) Acrylonitrile	5.180	53	54731	127.07	ug/l	98
16) Acetone	3.960	43	42030	126.00	ug/l	99
17) Carbon Disulfide	4.204	76	78212	19.74	ug/l	98
18) Methyl Acetate	4.491	43	27445	25.71	ug/l	95
19) Methyl tert-butyl Ether	5.241	73	97601	21.93	ug/l	100
20) Methylene Chloride	4.735	84	38808	22.35	ug/l	98
21) trans-1,2-Dichloroethene	5.228	96	33060	19.55	ug/l	92
22) Diisopropyl ether	6.131	45	128808	24.43	ug/l	97
23) Vinyl Acetate	6.076	43	425859	120.09	ug/l	96
24) 1,1-Dichloroethane	6.027	63	64205	22.35	ug/l	98
25) 2-Butanone	7.002	43	71671	128.62	ug/l	93
26) 2,2-Dichloropropane	6.996	77	57987	21.57	ug/l	99
27) cis-1,2-Dichloroethene	7.002	96	39595	20.68	ug/l	95
28) Bromochloromethane	7.350	49	31804	27.24	ug/l	88
29) Tetrahydrofuran	7.362	42	51068	130.08	ug/l	92
30) Chloroform	7.521	83	65011	21.27	ug/l	100
31) Cyclohexane	7.789	56	60131	21.25	ug/l	92
32) 1,1,1-Trichloroethane	7.710	97	57732	20.65	ug/l	98
36) 1,1-Dichloropropene	7.929	75	48918	19.98	ug/l	98
37) Ethyl Acetate	7.088	43	34336	23.91	ug/l	99
38) Carbon Tetrachloride	7.911	117	42856	20.13	ug/l	96
39) Methylcyclohexane	9.191	83	58633	19.34	ug/l	96
40) Benzene	8.167	78	143697	20.71	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	20309m	25.52	ug/l	
42) 1,2-Dichloroethane	8.246	62	46124	21.15	ug/l	99
43) Isopropyl Acetate	8.283	43	65895	24.23	ug/l	97
44) Trichloroethene	8.947	130	39714	17.97	ug/l	96
45) 1,2-Dichloropropane	9.222	63	38514	22.46	ug/l	95
46) Dibromomethane	9.313	93	20561	20.39	ug/l	95
47) Bromodichloromethane	9.502	83	51335	21.34	ug/l	99
48) Methyl methacrylate	9.301	41	29622	23.99	ug/l	97
49) 1,4-Dioxane	9.307	88	5561	416.66	ug/l #	77
51) 4-Methyl-2-Pentanone	10.075	43	171323	123.66	ug/l	97
52) Toluene	10.246	92	91440	20.50	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	55524	21.64	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	61574	21.48	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	29757	21.54	ug/l	98
56) Ethyl methacrylate	10.514	69	41279	21.78	ug/l	93
57) 1,3-Dichloropropane	10.794	76	51814	21.74	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	107335	132.36	ug/l	95
59) 2-Hexanone	10.837	43	116020	121.81	ug/l	98
60) Dibromochloromethane	10.990	129	34650	20.92	ug/l	99
61) 1,2-Dibromoethane	11.093	107	27949	20.50	ug/l	98
64) Tetrachloroethene	10.721	164	40471	17.08	ug/l	97
65) Chlorobenzene	11.520	112	95286	19.85	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	35232	20.49	ug/l	99
67) Ethyl Benzene	11.599	91	174977	20.07	ug/l	99
68) m/p-Xylenes	11.703	106	130564	39.00	ug/l	98
69) o-Xylene	12.032	106	61823	19.74	ug/l	99
70) Styrene	12.044	104	103021	19.77	ug/l	99
71) Bromoform	12.215	173	20407	20.84	ug/l #	100
73) Isopropylbenzene	12.331	105	167836	20.34	ug/l	99
74) N-amyl acetate	12.148	43	57188	23.72	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	34417	22.54	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	24802m	24.18	ug/l	
77) Bromobenzene	12.611	156	38253	19.80	ug/l	93
78) n-propylbenzene	12.672	91	197752	20.72	ug/l	99
79) 2-Chlorotoluene	12.758	91	108874	20.76	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	137250	20.39	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	12729	22.88	ug/l	94
82) 4-Chlorotoluene	12.855	91	114234	20.69	ug/l	98
83) tert-Butylbenzene	13.081	119	118932	20.45	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	137272	20.33	ug/l	100
85) sec-Butylbenzene	13.257	105	163055	20.37	ug/l	99
86) p-Isopropyltoluene	13.373	119	146382	19.65	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	72656	20.16	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	72079	20.25	ug/l	98
89) n-Butylbenzene	13.696	91	141257	20.62	ug/l	99
90) Hexachloroethane	13.965	117	18762	31.53	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	64714	20.00	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	5895	20.69	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	43454	18.90	ug/l	99
94) Hexachlorobutadiene	15.117	225	22693	18.56	ug/l	99
95) Naphthalene	15.239	128	94598	19.40	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	38131	18.15	ug/l	100

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

