

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100821\
 Data File : VY006328.D
 Acq On : 07 Oct 2021 13:58
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/8/2021 6:03:58 PM

Quant Time: Oct 08 07:09:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	159600	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	236389	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	220175	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	115730	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	76350	44.70	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.40%		
35) Dibromofluoromethane	7.728	113	58117	46.02	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.04%		
50) Toluene-d8	10.185	98	243210	46.01	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	92.02%		
62) 4-Bromofluorobenzene	12.483	95	84775	47.21	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.42%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	70567	43.59	ug/l	98
3) Chloromethane	2.119	50	83781	44.43	ug/l	97
4) Vinyl Chloride	2.253	62	96845	46.34	ug/l	99
5) Bromomethane	2.656	94	82763	60.94	ug/l	97
6) Chloroethane	2.802	64	60774	49.43	ug/l	100
7) Trichlorofluoromethane	3.131	101	134632	48.91	ug/l	95
8) Diethyl Ether	3.534	74	42273	46.50	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.905	101	68825	46.84	ug/l	97
10) Methyl Iodide	4.101	142	32229	20.13	ug/l	97
11) Tert butyl alcohol	4.960	59	34921	233.70	ug/l #	93
12) 1,1-Dichloroethene	3.881	96	69175	46.28	ug/l	92
13) Acrolein	3.735	56	21927	210.22	ug/l	98
14) Allyl chloride	4.491	41	132656	46.15	ug/l	98
15) Acrylonitrile	5.173	53	108374	226.63	ug/l	99
16) Acetone	3.954	43	131951	276.57	ug/l	98
17) Carbon Disulfide	4.198	76	223718	44.75	ug/l	99
18) Methyl Acetate	4.479	43	72002	44.76	ug/l	95
19) Methyl tert-butyl Ether	5.228	73	206375	47.28	ug/l	96
20) Methylene Chloride	4.728	84	82455	50.15	ug/l	89
21) trans-1,2-Dichloroethene	5.228	96	78882	47.60	ug/l	94
22) Diisopropyl ether	6.125	45	262877	46.22	ug/l	97
23) Vinyl Acetate	6.070	43	780501	228.97	ug/l	97
24) 1,1-Dichloroethane	6.027	63	141083	46.21	ug/l	99
25) 2-Butanone	6.990	43	163596	246.16	ug/l	95
26) 2,2-Dichloropropane	6.990	77	140278	50.24	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	89269	48.10	ug/l	95
28) Bromochloromethane	7.338	49	58579	46.08	ug/l #	91
29) Tetrahydrofuran	7.356	42	93956	223.82	ug/l	94
30) Chloroform	7.515	83	147271	48.36	ug/l	99
31) Cyclohexane	7.789	56	140326	43.36	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	139297	49.53	ug/l	99
36) 1,1-Dichloropropene	7.923	75	114359	48.62	ug/l	98
37) Ethyl Acetate	7.082	43	64698	47.22	ug/l	99
38) Carbon Tetrachloride	7.905	117	129050	51.96	ug/l	97
39) Methylcyclohexane	9.185	83	145408	49.22	ug/l	96
40) Benzene	8.167	78	327441	49.07	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	41850m	47.09	ug/l	
42) 1,2-Dichloroethane	8.240	62	108465	50.45	ug/l	98
43) Isopropyl Acetate	8.277	43	123794	47.11	ug/l	96
44) Trichloroethene	8.941	130	88978	51.63	ug/l	99
45) 1,2-Dichloropropane	9.222	63	78311	47.67	ug/l	95
46) Dibromomethane	9.307	93	42946	49.10	ug/l	95
47) Bromodichloromethane	9.502	83	112597	49.99	ug/l	97
48) Methyl methacrylate	9.295	41	57598	45.69	ug/l	95
49) 1,4-Dioxane	9.301	88	11246	985.44	ug/l	98
51) 4-Methyl-2-Pentanone	10.075	43	327664	240.14	ug/l	97
52) Toluene	10.246	92	210703	50.91	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	121815	49.61	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	133388	49.41	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	61019	49.58	ug/l	99
56) Ethyl methacrylate	10.514	69	91257	48.78	ug/l	94
57) 1,3-Dichloropropane	10.788	76	106356	47.76	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.789	63	216369	236.05	ug/l	97
59) 2-Hexanone	10.831	43	250774	258.04	ug/l	96
60) Dibromochloromethane	10.983	129	77352	51.73	ug/l	100
61) 1,2-Dibromoethane	11.087	107	56929	48.85	ug/l	99
64) Tetrachloroethene	10.721	164	102179	57.62	ug/l	96
65) Chlorobenzene	11.520	112	220549	50.56	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	82775	51.49	ug/l	100
67) Ethyl Benzene	11.593	91	417190	50.73	ug/l	99
68) m/p-Xylenes	11.703	106	323252	103.59	ug/l	97
69) o-Xylene	12.026	106	152664	51.80	ug/l	96
70) Styrene	12.044	104	260307	52.01	ug/l	99
71) Bromoform	12.209	173	51043	51.05	ug/l #	99
73) Isopropylbenzene	12.331	105	408526	49.28	ug/l	100
74) N-amyl acetate	12.142	43	116746	45.37	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	64477	43.07	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	57752m	51.34	ug/l	
77) Bromobenzene	12.611	156	96486	49.64	ug/l	93
78) n-propylbenzene	12.672	91	503480	49.34	ug/l	99
79) 2-Chlorotoluene	12.758	91	276952	49.05	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	347754	50.17	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	26861	46.93	ug/l	97
82) 4-Chlorotoluene	12.855	91	289516	49.57	ug/l	99
83) tert-Butylbenzene	13.075	119	301607	50.89	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	343322	50.16	ug/l	99
85) sec-Butylbenzene	13.251	105	452724	50.55	ug/l	99
86) p-Isopropyltoluene	13.367	119	388085	51.35	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	195594	50.79	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	192530	50.71	ug/l	98
89) n-Butylbenzene	13.696	91	359808	50.11	ug/l	99
90) Hexachloroethane	13.959	117	68387	49.83	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	169452	50.32	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	13245	46.44	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	114320	51.38	ug/l	99
94) Hexachlorobutadiene	15.111	225	75505	52.01	ug/l	98
95) Naphthalene	15.233	128	216046	48.87	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	98592	49.99	ug/l	99

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

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