

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092821\
 Data File : VY006191.D
 Acq On : 28 Sep 2021 16:22
 Operator : SY/MD
 Sample : VY0928SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0928SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/29/2021 6:33:27 PM

Quant Time: Sep 29 03:20:51 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	186569	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	292697	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	268013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	135826	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	99470	49.814	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.620%		
35) Dibromofluoromethane	7.722	113	76168	48.708	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.420%		
50) Toluene-d8	10.185	98	312245	47.710	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	95.420%		
62) 4-Bromofluorobenzene	12.483	95	108691	48.887	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.780%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	41865	22.122	ug/l	97
3) Chloromethane	2.119	50	48572	22.036	ug/l	98
4) Vinyl Chloride	2.259	62	51243	20.976	ug/l	98
5) Bromomethane	2.649	94	35010	22.051	ug/l	94
6) Chloroethane	2.796	64	31137	21.662	ug/l	97
7) Trichlorofluoromethane	3.131	101	67926	21.110	ug/l	98
8) Diethyl Ether	3.539	74	22674	21.334	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.905	101	36197	21.073	ug/l	97
10) Methyl Iodide	4.100	142	35942	19.200	ug/l	93
11) Tert butyl alcohol	4.960	59	17235	98.670	ug/l #	93
12) 1,1-Dichloroethene	3.881	96	35730	20.448	ug/l	93
13) Acrolein	3.735	56	7721	76.237	ug/l	98
14) Allyl chloride	4.484	41	71925	21.404	ug/l	96
15) Acrylonitrile	5.167	53	58496	104.644	ug/l	99
16) Acetone	3.954	43	51393	92.149	ug/l	96
17) Carbon Disulfide	4.198	76	122115	20.895	ug/l	99
18) Methyl Acetate	4.484	43	40501	21.536	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	109517	21.462	ug/l	98
20) Methylene Chloride	4.722	84	44878	21.185	ug/l	94
21) trans-1,2-Dichloroethene	5.228	96	40078	20.688	ug/l	97
22) Diisopropyl ether	6.124	45	143756	21.624	ug/l	96
23) Vinyl Acetate	6.063	43	425864	106.872	ug/l	99
24) 1,1-Dichloroethane	6.027	63	74745	20.943	ug/l	98
25) 2-Butanone	6.990	43	77589	99.871	ug/l	94
26) 2,2-Dichloropropane	6.990	77	65974	20.214	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	45089	20.781	ug/l	97
28) Bromochloromethane	7.338	49	31577	21.249	ug/l	98
29) Tetrahydrofuran	7.356	42	51178	104.291	ug/l	96
30) Chloroform	7.514	83	74305	20.871	ug/l	97
31) Cyclohexane	7.789	56	76041	20.100	ug/l	97
32) 1,1,1-Trichloroethane	7.709	97	67719	20.600	ug/l	99
36) 1,1-Dichloropropene	7.923	75	57504	19.746	ug/l	99
37) Ethyl Acetate	7.082	43	35617	20.994	ug/l	100
38) Carbon Tetrachloride	7.905	117	61336	19.946	ug/l	98
39) Methylcyclohexane	9.185	83	71818	19.633	ug/l	99
40) Benzene	8.167	78	168456	20.389	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	21740m	19.755	ug/l	
42) 1,2-Dichloroethane	8.240	62	54960	20.646	ug/l	97
43) Isopropyl Acetate	8.276	43	66879	20.554	ug/l	98
44) Trichloroethene	8.947	130	42939	20.123	ug/l	98
45) 1,2-Dichloropropane	9.221	63	40989	20.152	ug/l	95
46) Dibromomethane	9.307	93	22400	20.682	ug/l	99
47) Bromodichloromethane	9.502	83	56566	20.284	ug/l	96
48) Methyl methacrylate	9.295	41	30930	19.814	ug/l	93
49) 1,4-Dioxane	9.301	88	5374	380.309	ug/l	98
51) 4-Methyl-2-Pentanone	10.075	43	173343	102.599	ug/l	98
52) Toluene	10.246	92	102940	20.087	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	61460	20.213	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	68118	20.379	ug/l	93
55) 1,1,2-Trichloroethane	10.648	97	31158	20.445	ug/l	96
56) Ethyl methacrylate	10.514	69	46139	19.919	ug/l	96
57) 1,3-Dichloropropane	10.794	76	55143	19.997	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.788	63	119703	105.469	ug/l	100
59) 2-Hexanone	10.837	43	121073	100.616	ug/l	98
60) Dibromochloromethane	10.989	129	37583	20.298	ug/l	99
61) 1,2-Dibromoethane	11.093	107	29488	20.436	ug/l	97
64) Tetrachloroethene	10.721	164	42965	19.905	ug/l	97
65) Chlorobenzene	11.520	112	106833	20.118	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	38931	19.894	ug/l	97
67) Ethyl Benzene	11.593	91	199061	19.887	ug/l	100
68) m/p-Xylenes	11.703	106	152386	40.118	ug/l	98
69) o-Xylene	12.032	106	72789	20.290	ug/l	96
70) Styrene	12.044	104	122546	20.115	ug/l	99
71) Bromoform	12.209	173	24243	19.920	ug/l #	99
73) Isopropylbenzene	12.331	105	192506	19.786	ug/l	99
74) N-amyl acetate	12.148	43	60456	20.020	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	33678	19.166	ug/l	98
76) 1,2,3-Trichloropropane	12.635	75	25444m	19.273	ug/l	
77) Bromobenzene	12.611	156	45325	19.869	ug/l	99
78) n-propylbenzene	12.672	91	238576	19.921	ug/l	100
79) 2-Chlorotoluene	12.757	91	133109	20.085	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	160772	19.762	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	13522	20.128	ug/l	93
82) 4-Chlorotoluene	12.855	91	137875	20.115	ug/l	98
83) tert-Butylbenzene	13.074	119	142019	20.419	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	160501	19.980	ug/l	99
85) sec-Butylbenzene	13.257	105	206472	19.643	ug/l	100
86) p-Isopropyltoluene	13.373	119	175598	19.798	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	90925	20.118	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	89480	20.079	ug/l	99
89) n-Butylbenzene	13.696	91	166840	19.796	ug/l	100
90) Hexachloroethane	13.964	117	32379	20.101	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	79085	20.011	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6438	19.232	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	52399	20.064	ug/l	100
94) Hexachlorobutadiene	15.117	225	33152	19.459	ug/l	99
95) Naphthalene	15.239	128	98779	19.038	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	44557	19.250	ug/l	99

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

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