

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092821\
 Data File : VY006202.D
 Acq On : 28 Sep 2021 20:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 9/29/2021 6:33:32 PM

Quant Time: Sep 29 03:22:53 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	196758	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	312020	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	291246	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	143182	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	110735	52.584	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.160%
35) Dibromofluoromethane	7.722	113	84191	50.505	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.000%
50) Toluene-d8	10.185	98	341830	48.996	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.000%
62) 4-Bromofluorobenzene	12.483	95	119567	50.449	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.900%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	92188	46.191	ug/l	99
3) Chloromethane	2.119	50	119920	51.587	ug/l	98
4) Vinyl Chloride	2.253	62	138926	53.924	ug/l	98
5) Bromomethane	2.656	94	90337	53.953	ug/l	100
6) Chloroethane	2.802	64	85431	56.357	ug/l	97
7) Trichlorofluoromethane	3.131	101	166371	49.027	ug/l	95
8) Diethyl Ether	3.534	74	62090	55.395	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.912	101	90251	49.820	ug/l	97
10) Methyl Iodide	4.101	142	102446	51.891	ug/l	94
11) Tert butyl alcohol	4.966	59	46056	250.016	ug/l #	92
12) 1,1-Dichloroethene	3.881	96	91184	49.481	ug/l	99
13) Acrolein	3.735	56	40677	307.005	ug/l	96
14) Allyl chloride	4.491	41	194668	54.930	ug/l	95
15) Acrylonitrile	5.174	53	161724	274.329	ug/l	99
16) Acetone	3.954	43	133446	226.881	ug/l	96
17) Carbon Disulfide	4.204	76	308750	50.095	ug/l	98
18) Methyl Acetate	4.485	43	120921	60.969	ug/l	99
19) Methyl tert-butyl Ether	5.235	73	297652	55.309	ug/l	98
20) Methylene Chloride	4.723	84	114221	56.848	ug/l	94
21) trans-1,2-Dichloroethene	5.229	96	105538	51.656	ug/l	99
22) Diisopropyl ether	6.131	45	395407	56.398	ug/l	94
23) Vinyl Acetate	6.070	43	1156444	275.185	ug/l	100
24) 1,1-Dichloroethane	6.027	63	200702	53.323	ug/l	98
25) 2-Butanone	6.990	43	215690	263.256	ug/l	97
26) 2,2-Dichloropropane	6.990	77	163461	47.491	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	118636	51.848	ug/l	97
28) Bromochloromethane	7.338	49	88098	56.214	ug/l	99
29) Tetrahydrofuran	7.350	42	145235	280.636	ug/l	99
30) Chloroform	7.515	83	198632	52.903	ug/l	99
31) Cyclohexane	7.789	56	193258	48.439	ug/l	95
32) 1,1,1-Trichloroethane	7.710	97	176166	50.814	ug/l	99
36) 1,1-Dichloropropene	7.923	75	151159	48.692	ug/l	99
37) Ethyl Acetate	7.082	43	97164	53.726	ug/l	99
38) Carbon Tetrachloride	7.905	117	153839	46.929	ug/l	97
39) Methylcyclohexane	9.185	83	187456	48.072	ug/l	99
40) Benzene	8.167	78	439441	49.894	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	52201m	44.498	ug/l	
42) 1,2-Dichloroethane	8.240	62	146202	51.519	ug/l	97
43) Isopropyl Acetate	8.277	43	188505	54.345	ug/l	98
44) Trichloroethene	8.947	130	111047	48.817	ug/l	95
45) 1,2-Dichloropropane	9.222	63	112636	51.947	ug/l	94
46) Dibromomethane	9.307	93	59831	51.821	ug/l	99
47) Bromodichloromethane	9.502	83	152798	51.399	ug/l	98
48) Methyl methacrylate	9.295	41	88343	53.089	ug/l	95
49) 1,4-Dioxane	9.301	88	13972	927.542	ug/l	95
51) 4-Methyl-2-Pentanone	10.075	43	496263	275.541	ug/l	98
52) Toluene	10.246	92	273805	50.119	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	163543	50.456	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	182860	51.318	ug/l	95
55) 1,1,2-Trichloroethane	10.648	97	84584	52.066	ug/l	97
56) Ethyl methacrylate	10.514	69	133909	54.230	ug/l	93
57) 1,3-Dichloropropane	10.795	76	153224	52.123	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	326784	270.095	ug/l	98
59) 2-Hexanone	10.831	43	340069	265.108	ug/l	96
60) Dibromochloromethane	10.990	129	100682	51.010	ug/l	100
61) 1,2-Dibromoethane	11.093	107	80516	52.344	ug/l	98
64) Tetrachloroethene	10.721	164	119514	50.953	ug/l	98
65) Chlorobenzene	11.520	112	279783	48.484	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	105309	49.520	ug/l	99
67) Ethyl Benzene	11.593	91	531565	48.869	ug/l	99
68) m/p-Xylenes	11.703	106	398785	96.611	ug/l	100
69) o-Xylene	12.032	106	193552	49.648	ug/l	99
70) Styrene	12.044	104	331223	50.030	ug/l	99
71) Bromoform	12.209	173	66143	50.013	ug/l #	99
73) Isopropylbenzene	12.331	105	499960	48.747	ug/l	99
74) N-amyl acetate	12.142	43	172078	54.055	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	92347	49.855	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	66395m	47.709	ug/l	
77) Bromobenzene	12.611	156	119792	49.816	ug/l	100
78) n-propylbenzene	12.672	91	611303	48.421	ug/l	100
79) 2-Chlorotoluene	12.758	91	346128	49.545	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	421133	49.106	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	33744	47.650	ug/l	96
82) 4-Chlorotoluene	12.855	91	362544	50.176	ug/l	98
83) tert-Butylbenzene	13.075	119	358197	48.854	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	419703	49.562	ug/l	100
85) sec-Butylbenzene	13.252	105	537350	48.496	ug/l	99
86) p-Isopropyltoluene	13.367	119	449690	48.095	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	230771	48.437	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	226554	48.227	ug/l	99
89) n-Butylbenzene	13.697	91	426203	47.972	ug/l	100
90) Hexachloroethane	13.959	117	82931	48.840	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	204403	49.064	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	17919	50.778	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	131298	47.693	ug/l	99
94) Hexachlorobutadiene	15.111	225	81530	45.396	ug/l	98
95) Naphthalene	15.239	128	271212	49.585	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	117645	48.215	ug/l	99

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

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