

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111521\
 Data File : VY006729.D
 Acq On : 15 Nov 2021 12:13
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: Nov 16 03:59:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 03:59:14 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 11/16/2021
 Supervised By :Mahesh Dadoda 11/17/2021

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	128438	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	207080	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	190533	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	91479	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	8814	5.236	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	10.480%#
35) Dibromofluoromethane	7.734	113	6603	5.191	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	10.380%#
50) Toluene-d8	10.185	98	26630	5.059	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	10.120%#
62) 4-Bromofluorobenzene	12.489	95	9069	5.111	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	10.220%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	7242	5.871	ug/l	96
3) Chloromethane	2.119	50	10328	5.566	ug/l	96
4) Vinyl Chloride	2.260	62	10426	5.534	ug/l	91
5) Bromomethane	2.656	94	5085	5.066	ug/l	94
6) Chloroethane	2.802	64	6523	5.660	ug/l #	87
7) Trichlorofluoromethane	3.144	101	12423	5.262	ug/l	99
8) Diethyl Ether	3.540	74	3915	4.979	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.912	101	6619	5.279	ug/l	97
10) Methyl Iodide	4.107	142	7418	4.733	ug/l	99
11) Tert butyl alcohol	4.948	59	11840m	46.770	ug/l	
12) 1,1-Dichloroethene	3.893	96	6393	5.141	ug/l	92
13) Acrolein	3.753	56	815	23.014	ug/l	94
14) Allyl chloride	4.497	41	13821	4.934	ug/l	99
15) Acrylonitrile	5.180	53	10772	23.751	ug/l	99
16) Acetone	3.960	43	12831	25.088	ug/l	96
17) Carbon Disulfide	4.210	76	22898	5.216	ug/l	99
18) Methyl Acetate	4.491	43	8139	4.916	ug/l	98
19) Methyl tert-butyl Ether	5.241	73	18688	4.767	ug/l	97
20) Methylene Chloride	4.729	84	14804	8.191	ug/l	98
21) trans-1,2-Dichloroethene	5.235	96	7129	5.018	ug/l	91
22) Diisopropyl ether	6.137	45	26650	4.822	ug/l	94
23) Vinyl Acetate	6.076	43	76610	22.955	ug/l	99
24) 1,1-Dichloroethane	6.045	63	14261	5.055	ug/l	98
25) 2-Butanone	7.003	43	15819	23.097	ug/l	98
26) 2,2-Dichloropropane	6.990	77	13131	5.151	ug/l	99
27) cis-1,2-Dichloroethene	7.003	96	7960	4.961	ug/l	91
28) Bromochloromethane	7.344	49	6728	5.070	ug/l	96
29) Tetrahydrofuran	7.362	42	10068	23.721	ug/l	93
30) Chloroform	7.515	83	13936	5.139	ug/l	98
31) Cyclohexane	7.795	56	16823	5.686	ug/l #	86
32) 1,1,1-Trichloroethane	7.716	97	12541	5.018	ug/l	99
36) 1,1-Dichloropropene	7.935	75	11288	5.015	ug/l	97
37) Ethyl Acetate	7.088	43	7565	5.027	ug/l	96
38) Carbon Tetrachloride	7.917	117	11358	4.933	ug/l	95
39) Methylcyclohexane	9.197	83	13244	4.825	ug/l	96
40) Benzene	8.173	78	31859	5.028	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.362	41	6325	5.005	ug/l #	1
42) 1,2-Dichloroethane	8.246	62	10345	4.900	ug/l	97
43) Isopropyl Acetate	8.283	43	13015	4.610	ug/l	99
44) Trichloroethene	8.953	130	7383	4.790	ug/l	98
45) 1,2-Dichloropropane	9.228	63	8247	5.045	ug/l	96
46) Dibromomethane	9.313	93	4134	4.855	ug/l	94
47) Bromodichloromethane	9.508	83	10421	4.819	ug/l	99
48) Methyl methacrylate	9.301	41	6244	4.668	ug/l	90
49) 1,4-Dioxane	9.307	88	916	93.752	ug/l #	88
51) 4-Methyl-2-Pentanone	10.075	43	33653	22.632	ug/l	96
52) Toluene	10.252	92	18932	4.920	ug/l	98
53) t-1,3-Dichloropropene	10.472	75	10897	4.636	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	12646	4.797	ug/l	94
55) 1,1,2-Trichloroethane	10.648	97	5381	4.734	ug/l	96
56) Ethyl methacrylate	10.514	69	7822	4.427	ug/l	97
57) 1,3-Dichloropropane	10.795	76	10316	4.973	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	21283	22.000	ug/l	97
59) 2-Hexanone	10.837	43	22071	22.777	ug/l	98
60) Dibromochloromethane	10.990	129	6874	4.933	ug/l	94
61) 1,2-Dibromoethane	11.099	107	4949	4.699	ug/l	94
64) Tetrachloroethene	10.728	164	6794	4.880	ug/l	97
65) Chlorobenzene	11.520	112	19415	5.009	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.593	131	6978	4.814	ug/l	98
67) Ethyl Benzene	11.599	91	34955	4.757	ug/l	100
68) m/p-Xylenes	11.709	106	27164	9.701	ug/l	97
69) o-Xylene	12.038	106	12660	4.772	ug/l	98
70) Styrene	12.050	104	20526	4.582	ug/l	98
71) Bromoform	12.215	173	3999	4.558	ug/l #	97
73) Isopropylbenzene	12.337	105	36060	5.176	ug/l	98
74) N-amyl acetate	12.148	43	9842	4.414	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	6527	5.064	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	4105m	4.147	ug/l	
77) Bromobenzene	12.611	156	7584	4.780	ug/l	91
78) n-propylbenzene	12.678	91	43139	5.080	ug/l	100
79) 2-Chlorotoluene	12.764	91	24199	5.207	ug/l	97
80) 1,3,5-Trimethylbenzene	12.819	105	28479	4.988	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	2524	5.028	ug/l	95
82) 4-Chlorotoluene	12.861	91	25057	5.158	ug/l	97
83) tert-Butylbenzene	13.081	119	24590	4.959	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	28749	5.043	ug/l	96
85) sec-Butylbenzene	13.258	105	37123	5.027	ug/l	100
86) p-Isopropyltoluene	13.373	119	30212	4.833	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	15952	5.049	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	15843	5.081	ug/l	94
89) n-Butylbenzene	13.703	91	29716	5.037	ug/l	99
90) Hexachloroethane	13.965	117	6018	5.342	ug/l	92
91) 1,2-Dichlorobenzene	13.745	146	13671	5.021	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	1193	5.236	ug/l	93
93) 1,2,4-Trichlorobenzene	15.013	180	8580	4.816	ug/l	98
94) Hexachlorobutadiene	15.117	225	5966	5.133	ug/l	98
95) Naphthalene	15.245	128	14955	4.538	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	7185	4.840	ug/l	97

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

