

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022522\
 Data File : VY007633.D
 Acq On : 25 Feb 2022 13:05
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Feb 27 23:56:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 24 07:13:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	78873	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	117441	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	105604	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	50378	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	36187	41.242	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.480%
35) Dibromofluoromethane	7.722	113	34049	45.948	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.900%
50) Toluene-d8	10.179	98	118805	43.837	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.680%
62) 4-Bromofluorobenzene	12.483	95	40945	43.698	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.400%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	45881	47.034	ug/l	100
3) Chloromethane	2.113	50	50157	51.985	ug/l	98
4) Vinyl Chloride	2.253	62	58579	50.626	ug/l	98
5) Bromomethane	2.650	94	40363	57.676	ug/l	96
6) Chloroethane	2.796	64	38437	52.212	ug/l	98
7) Trichlorofluoromethane	3.125	101	115053	51.548	ug/l	90
8) Diethyl Ether	3.534	74	24091	42.301	ug/l	60
9) 1,1,2-Trichlorotrifluo...	3.899	101	46878	48.887	ug/l	96
10) Methyl Iodide	4.088	142	57925	49.495	ug/l	95
11) Tert butyl alcohol	4.954	59	18961	214.558	ug/l #	92
12) 1,1-Dichloroethene	3.875	96	42531	47.738	ug/l #	80
13) Acrolein	3.723	56	15079	133.529	ug/l	93
14) Allyl chloride	4.479	41	36888	44.787	ug/l #	53
15) Acrylonitrile	5.167	53	42193	214.824	ug/l	96
16) Acetone	3.948	43	55828	279.380	ug/l #	88
17) Carbon Disulfide	4.192	76	98316	44.404	ug/l	99
18) Methyl Acetate	4.472	43	16988	39.745	ug/l #	67
19) Methyl tert-butyl Ether	5.216	73	106100	44.311	ug/l #	89
20) Methylene Chloride	4.716	84	43322	45.381	ug/l #	74
21) trans-1,2-Dichloroethene	5.222	96	39692	44.654	ug/l #	77
22) Diisopropyl ether	6.118	45	69970	40.430	ug/l #	70
23) Vinyl Acetate	6.057	43	276346	221.334	ug/l #	84
24) 1,1-Dichloroethane	6.015	63	61050	46.193	ug/l	98
25) 2-Butanone	6.984	43	51802	228.652	ug/l #	57
26) 2,2-Dichloropropane	6.978	77	71298	48.045	ug/l	95
27) cis-1,2-Dichloroethene	6.984	96	45879	44.468	ug/l	80
28) Bromochloromethane	7.332	49	17984	39.917	ug/l #	29
29) Tetrahydrofuran	7.344	42	25907	196.485	ug/l #	50
30) Chloroform	7.502	83	76224	45.053	ug/l	99
31) Cyclohexane	7.783	56	44534	48.015	ug/l #	78
32) 1,1,1-Trichloroethane	7.704	97	82838	49.231	ug/l	96
36) 1,1-Dichloropropene	7.917	75	50839	47.608	ug/l	94
37) Ethyl Acetate	7.076	43	21574	44.876	ug/l #	94
38) Carbon Tetrachloride	7.899	117	80502	51.479	ug/l	94
39) Methylcyclohexane	9.185	83	61897	50.833	ug/l #	78
40) Benzene	8.161	78	137067	44.987	ug/l	97

02/28/2022
 Supervised By :Mahesh
 adoda

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.313	41	12669m	47.783	ug/l		02/28/2022
42) 1,2-Dichloroethane	8.234	62	51389	46.045	ug/l		Supervised By :Mahesh
43) Isopropyl Acetate	8.271	43	43380	44.176	ug/l #	84	Dadoda
44) Trichloroethene	8.941	130	49398	47.780	ug/l	91	
45) 1,2-Dichloropropane	9.215	63	28809	44.430	ug/l	95	
46) Dibromomethane	9.307	93	25736	46.288	ug/l	98	
47) Bromodichloromethane	9.496	83	59530	47.540	ug/l #	97	02/28/2022
48) Methyl methacrylate	9.295	41	18834	45.481	ug/l #	57	
49) 1,4-Dioxane	9.301	88	6171	872.321	ug/l #	73	
51) 4-Methyl-2-Pentanone	10.069	43	113582	229.825	ug/l	91	
52) Toluene	10.246	92	96271	46.325	ug/l	99	
53) t-1,3-Dichloropropene	10.465	75	55234	43.959	ug/l	97	
54) cis-1,3-Dichloropropene	9.929	75	61436	46.310	ug/l	94	
55) 1,1,2-Trichloroethane	10.642	97	30689	42.855	ug/l	97	
56) Ethyl methacrylate	10.508	69	38492	45.606	ug/l #	74	
57) 1,3-Dichloropropane	10.788	76	48993	44.589	ug/l	98	
58) 2-Chloroethyl Vinyl ether	9.782	63	82440	200.726	ug/l #	73	
59) 2-Hexanone	10.831	43	85190	241.872	ug/l	91	
60) Dibromochloromethane	10.983	129	46637	48.149	ug/l	100	
61) 1,2-Dibromoethane	11.087	107	30954	42.956	ug/l	98	
64) Tetrachloroethene	10.721	164	46362	57.331	ug/l	96	
65) Chlorobenzene	11.514	112	111009	48.225	ug/l	99	
66) 1,1,1,2-Tetrachloroethane	11.593	131	46023	50.461	ug/l	99	
67) Ethyl Benzene	11.593	91	198222	51.346	ug/l	94	
68) m/p-Xylenes	11.703	106	152801	101.066	ug/l	95	
69) o-Xylene	12.026	106	73081	49.149	ug/l	94	
70) Styrene	12.044	104	121319	48.774	ug/l	99	
71) Bromoform	12.209	173	28953	47.926	ug/l #	99	
73) Isopropylbenzene	12.331	105	198571	51.171	ug/l	98	
74) N-amyl acetate	12.142	43	40373	53.424	ug/l #	93	
75) 1,1,2,2-Tetrachloroethane	12.581	83	34177	48.573	ug/l	98	
76) 1,2,3-Trichloropropane	12.629	75	25821m	51.247	ug/l		
77) Bromobenzene	12.605	156	49419	48.853	ug/l	82	
78) n-propylbenzene	12.672	91	234867	52.405	ug/l	97	
79) 2-Chlorotoluene	12.758	91	128979	51.695	ug/l	94	
80) 1,3,5-Trimethylbenzene	12.812	105	171023	51.807	ug/l	99	
81) trans-1,4-Dichloro-2-b...	12.380	75	11546	49.272	ug/l #	93	
82) 4-Chlorotoluene	12.855	91	131072	51.514	ug/l	96	
83) tert-Butylbenzene	13.075	119	154783	52.468	ug/l	99	
84) 1,2,4-Trimethylbenzene	13.117	105	169688	52.444	ug/l	100	
85) sec-Butylbenzene	13.251	105	219547	52.668	ug/l	97	
86) p-Isopropyltoluene	13.367	119	189208	52.817	ug/l	96	
87) 1,3-Dichlorobenzene	13.367	146	95872	51.018	ug/l	98	
88) 1,4-Dichlorobenzene	13.446	146	94347	51.282	ug/l	99	
89) n-Butylbenzene	13.696	91	174751	54.179	ug/l	95	
90) Hexachloroethane	13.959	117	38758	53.675	ug/l	90	
91) 1,2-Dichlorobenzene	13.739	146	85881	50.309	ug/l	99	
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7528	53.193	ug/l	85	
93) 1,2,4-Trichlorobenzene	15.007	180	62201	52.256	ug/l	99	
94) Hexachlorobutadiene	15.111	225	35639	53.963	ug/l	97	
95) Naphthalene	15.233	128	129984	50.879	ug/l	99	
96) 1,2,3-Trichlorobenzene	15.422	180	54317	52.821	ug/l	99	

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

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

02/28/2022
Supervised By :Mahesh
Dadoda

02/28/2022

