

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033122\
 Data File : VY008148.D
 Acq On : 31 Mar 2022 19:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 01 04:35:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/01/2022
 Supervised By :Semsettin Yesilyurt 04/01/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	159901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	278056	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	253845	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	126514	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	76590	47.741	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.480%		
35) Dibromofluoromethane	7.716	113	84899	48.699	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.400%		
50) Toluene-d8	10.179	98	310025	47.202	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.400%		
62) 4-Bromofluorobenzene	12.483	95	109188	47.120	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.240%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	63901	44.331	ug/l	99
3) Chloromethane	2.113	50	76541	43.606	ug/l	97
4) Vinyl Chloride	2.253	62	102986	44.097	ug/l	97
5) Bromomethane	2.650	94	92310	48.229	ug/l	97
6) Chloroethane	2.790	64	68210	44.400	ug/l	100
7) Trichlorofluoromethane	3.125	101	135126	45.739	ug/l	91
8) Diethyl Ether	3.528	74	47709	49.867	ug/l	70
9) 1,1,2-Trichlorotrifluo...	3.899	101	84787	46.266	ug/l	92
10) Methyl Iodide	4.094	142	83188	39.242	ug/l	91
11) Tert butyl alcohol	4.954	59	37884	227.600	ug/l #	94
12) 1,1-Dichloroethene	3.875	96	79609	46.924	ug/l #	77
13) Acrolein	3.729	56	30833	227.583	ug/l	98
14) Allyl chloride	4.485	41	103365	46.308	ug/l #	91
15) Acrylonitrile	5.161	53	111336	244.313	ug/l	97
16) Acetone	3.948	43	75991	207.233	ug/l #	83
17) Carbon Disulfide	4.192	76	213272	44.365	ug/l	100
18) Methyl Acetate	4.472	43	46104	47.502	ug/l #	82
19) Methyl tert-butyl Ether	5.222	73	236217	48.994	ug/l	94
20) Methylene Chloride	4.716	84	91847	49.151	ug/l #	80
21) trans-1,2-Dichloroethene	5.222	96	94851	48.284	ug/l #	80
22) Diisopropyl ether	6.119	45	235056	48.947	ug/l #	91
23) Vinyl Acetate	6.058	43	774079	260.139	ug/l #	84
24) 1,1-Dichloroethane	6.015	63	153671	48.335	ug/l	96
25) 2-Butanone	6.984	43	128599	230.453	ug/l #	73
26) 2,2-Dichloropropane	6.978	77	141419	46.969	ug/l	91
27) cis-1,2-Dichloroethene	6.984	96	111993	49.185	ug/l	80
28) Bromochloromethane	7.338	49	40290	47.629	ug/l #	62
29) Tetrahydrofuran	7.344	42	86880	239.477	ug/l #	71
30) Chloroform	7.508	83	172173	50.014	ug/l	100
31) Cyclohexane	7.783	56	125291	41.781	ug/l #	83
32) 1,1,1-Trichloroethane	7.704	97	154434	48.552	ug/l	94
36) 1,1-Dichloropropene	7.917	75	123965	45.268	ug/l	94
37) Ethyl Acetate	7.070	43	60046	46.938	ug/l #	89
38) Carbon Tetrachloride	7.899	117	139316	46.683	ug/l	100
39) Methylcyclohexane	9.185	83	161681	43.741	ug/l #	82
40) Benzene	8.161	78	373267	47.652	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	30657m	47.726	ug/l	
42) 1,2-Dichloroethane	8.234	62	104403	47.512	ug/l	89
43) Isopropyl Acetate	8.271	43	116385	46.344	ug/l #	83
44) Trichloroethene	8.941	130	107731	47.560	ug/l	98
45) 1,2-Dichloropropane	9.216	63	87888	47.607	ug/l	96
46) Dibromomethane	9.307	93	58977	48.586	ug/l	95
47) Bromodichloromethane	9.496	83	135104	48.674	ug/l	98
48) Methyl methacrylate	9.295	41	50686	45.569	ug/l #	73
49) 1,4-Dioxane	9.295	88	16022	992.886	ug/l #	72
51) 4-Methyl-2-Pentanone	10.069	43	299025	236.083	ug/l #	82
52) Toluene	10.246	92	251487	48.955	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	138113	48.541	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	156156	48.483	ug/l #	81
55) 1,1,2-Trichloroethane	10.642	97	84115	50.184	ug/l	94
56) Ethyl methacrylate	10.508	69	107269	49.062	ug/l #	72
57) 1,3-Dichloropropane	10.788	76	133680	48.730	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	198622	219.256	ug/l #	86
59) 2-Hexanone	10.831	43	204238	230.437	ug/l	78
60) Dibromochloromethane	10.983	129	102626	50.344	ug/l	99
61) 1,2-Dibromoethane	11.087	107	83185	49.831	ug/l	100
64) Tetrachloroethene	10.721	164	89622	45.968	ug/l	95
65) Chlorobenzene	11.514	112	279108	48.764	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	106546	50.466	ug/l	98
67) Ethyl Benzene	11.593	91	479091	47.757	ug/l	96
68) m/p-Xylenes	11.703	106	385542	96.651	ug/l	89
69) o-Xylene	12.032	106	186683	48.878	ug/l	88
70) Styrene	12.044	104	313068	50.072	ug/l	93
71) Bromoform	12.209	173	65414	51.316	ug/l #	99
73) Isopropylbenzene	12.331	105	485587	46.500	ug/l	99
74) N-amyl acetate	12.142	43	100903	43.956	ug/l #	78
75) 1,1,2,2-Tetrachloroethane	12.581	83	97171	47.874	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	70885m	45.963	ug/l	
77) Bromobenzene	12.611	156	116457	48.611	ug/l	89
78) n-propylbenzene	12.672	91	563729	45.767	ug/l	96
79) 2-Chlorotoluene	12.758	91	318260	46.577	ug/l	94
80) 1,3,5-Trimethylbenzene	12.812	105	400520	46.818	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	31585	45.695	ug/l #	81
82) 4-Chlorotoluene	12.855	91	318869	45.481	ug/l	93
83) tert-Butylbenzene	13.075	119	358682	47.061	ug/l	92
84) 1,2,4-Trimethylbenzene	13.123	105	389264	46.726	ug/l	96
85) sec-Butylbenzene	13.251	105	521747	46.378	ug/l	98
86) p-Isopropyltoluene	13.373	119	440560	47.055	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	227977	47.999	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	226194	47.753	ug/l	98
89) n-Butylbenzene	13.696	91	384103	44.590	ug/l	97
90) Hexachloroethane	13.965	117	85146	46.936	ug/l	86
91) 1,2-Dichlorobenzene	13.739	146	202603	48.450	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	14393	44.429	ug/l	67
93) 1,2,4-Trichlorobenzene	15.007	180	112907	45.081	ug/l	98
94) Hexachlorobutadiene	15.117	225	57135	43.122	ug/l	98
95) Naphthalene	15.239	128	260047	46.973	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	98128	45.281	ug/l	98

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

