

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033022\
 Data File : VY008125.D
 Acq On : 30 Mar 2022 21:09
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

Supervised By :Semsettin
 Yesilyurt
 Yesilyurt
 03/31/2022

Quant Time: Mar 31 05:04:00 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.795	168	116605	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	203301	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	184894	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	90678	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	57821	49.424	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.840%
35) Dibromofluoromethane	7.716	113	61719	48.421	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.840%
50) Toluene-d8	10.179	98	227308	47.334	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.660%
62) 4-Bromofluorobenzene	12.483	95	79945	47.186	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.380%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	45383	43.175	ug/l	99
3) Chloromethane	2.113	50	58692	45.853	ug/l	96
4) Vinyl Chloride	2.253	62	76258	44.776	ug/l	99
5) Bromomethane	2.650	94	64953	46.537	ug/l	94
6) Chloroethane	2.796	64	52366	46.743	ug/l	99
7) Trichlorofluoromethane	3.125	101	93208	43.265	ug/l	95
8) Diethyl Ether	3.533	74	34405	49.314	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.899	101	60392	45.191	ug/l	92
10) Methyl Iodide	4.100	142	61523	39.774	ug/l	90
11) Tert butyl alcohol	4.954	59	29847	245.895	ug/l #	93
12) 1,1-Dichloroethene	3.875	96	55726	45.043	ug/l	82
13) Acrolein	3.729	56	27158	274.888	ug/l	97
14) Allyl chloride	4.485	41	77288	47.481	ug/l #	90
15) Acrylonitrile	5.167	53	88613	266.650	ug/l	97
16) Acetone	3.948	43	60536	226.383	ug/l	90
17) Carbon Disulfide	4.198	76	155404	44.330	ug/l	99
18) Methyl Acetate	4.478	43	37298	53.631	ug/l #	83
19) Methyl tert-butyl Ether	5.228	73	173730	49.413	ug/l	93
20) Methylene Chloride	4.716	84	68149	50.101	ug/l #	79
21) trans-1,2-Dichloroethene	5.222	96	68653	47.925	ug/l #	80
22) Diisopropyl ether	6.118	45	177109	50.574	ug/l #	91
23) Vinyl Acetate	6.064	43	598400	275.769	ug/l #	85
24) 1,1-Dichloroethane	6.021	63	114324	49.311	ug/l	96
25) 2-Butanone	6.984	43	103471	254.272	ug/l #	77
26) 2,2-Dichloropropane	6.978	77	102076	46.491	ug/l	92
27) cis-1,2-Dichloroethene	6.990	96	81454	49.055	ug/l	81
28) Bromochloromethane	7.338	49	30716	50.249	ug/l #	70
29) Tetrahydrofuran	7.350	42	69319	262.018	ug/l #	72
30) Chloroform	7.508	83	126284	50.305	ug/l	99
31) Cyclohexane	7.783	56	93627	42.815	ug/l #	84
32) 1,1,1-Trichloroethane	7.703	97	111705	48.159	ug/l	94
36) 1,1-Dichloropropene	7.917	75	91413	45.656	ug/l	95
37) Ethyl Acetate	7.069	43	46750	49.982	ug/l #	89
38) Carbon Tetrachloride	7.899	117	100373	46.001	ug/l	98
39) Methylcyclohexane	9.185	83	118392	43.807	ug/l #	86
40) Benzene	8.161	78	271631	47.427	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	23746m	50.560	ug/l	
42) 1,2-Dichloroethane	8.240	62	79286	49.349	ug/l	
43) Isopropyl Acetate	8.277	43	91619	49.897	ug/l #	86
44) Trichloroethene	8.941	130	76985	46.484	ug/l	100
45) 1,2-Dichloropropane	9.215	63	64994	48.152	ug/l	93
46) Dibromomethane	9.307	93	44377	50.001	ug/l	94
47) Bromodichloromethane	9.496	83	98967	48.765	ug/l	98
48) Methyl methacrylate	9.295	41	38791	47.698	ug/l #	75
49) 1,4-Dioxane	9.301	88	12146	1029.458	ug/l #	82
51) 4-Methyl-2-Pentanone	10.069	43	237160	256.089	ug/l #	82
52) Toluene	10.246	92	181192	48.240	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	102007	49.034	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	114815	48.755	ug/l #	81
55) 1,1,2-Trichloroethane	10.648	97	62229	50.779	ug/l	97
56) Ethyl methacrylate	10.514	69	80710	50.488	ug/l #	73
57) 1,3-Dichloropropane	10.794	76	101421	50.565	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	153301	231.453	ug/l #	89
59) 2-Hexanone	10.831	43	165326	255.123	ug/l	79
60) Dibromochloromethane	10.983	129	73772	49.496	ug/l	100
61) 1,2-Dibromoethane	11.087	107	61476	50.368	ug/l	99
64) Tetrachloroethene	10.721	164	64098	45.137	ug/l	96
65) Chlorobenzene	11.514	112	200494	48.092	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	75161	48.876	ug/l	97
67) Ethyl Benzene	11.593	91	348528	47.698	ug/l	96
68) m/p-Xylenes	11.703	106	282228	97.136	ug/l	90
69) o-Xylene	12.032	106	134220	48.248	ug/l	91
70) Styrene	12.044	104	226771	49.795	ug/l	94
71) Bromoform	12.209	173	46176	49.733	ug/l #	98
73) Isopropylbenzene	12.331	105	351386	46.947	ug/l	99
74) N-amyl acetate	12.142	43	79437	48.281	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.581	83	74504	51.213	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	57136m	51.689	ug/l	
77) Bromobenzene	12.611	156	81524	47.478	ug/l	94
78) n-propylbenzene	12.672	91	415811	47.099	ug/l	97
79) 2-Chlorotoluene	12.757	91	231779	47.326	ug/l	94
80) 1,3,5-Trimethylbenzene	12.812	105	291898	47.605	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	24529	49.511	ug/l #	81
82) 4-Chlorotoluene	12.855	91	237463	47.255	ug/l	94
83) tert-Butylbenzene	13.074	119	259098	47.430	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	286361	47.958	ug/l	96
85) sec-Butylbenzene	13.251	105	382556	47.444	ug/l	98
86) p-Isopropyltoluene	13.373	119	320036	47.691	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	166784	48.992	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	162882	47.977	ug/l	98
89) n-Butylbenzene	13.696	91	286989	46.482	ug/l	98
90) Hexachloroethane	13.965	117	61717	47.466	ug/l	81
91) 1,2-Dichlorobenzene	13.739	146	147083	49.073	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11047	47.576	ug/l	72
93) 1,2,4-Trichlorobenzene	15.007	180	80612	44.906	ug/l	98
94) Hexachlorobutadiene	15.117	225	42032	44.260	ug/l	99
95) Naphthalene	15.239	128	187404	47.229	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	70380	45.312	ug/l	98

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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

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

03/31/2022

Manual Integrations

Supervised By : Semsettin
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Yes/No 2022

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