

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020322\
 Data File : VY007368.D
 Acq On : 03 Feb 2022 10:57
 Operator : SY/MD
 Sample : VY0203SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0203SBS01

Quant Time: Feb 04 08:38:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/04/2022
 Supervised By :Semsettin Yesilyurt 02/07/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	135985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	228640	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	204221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	91388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	87855	56.167	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.340%			
35) Dibromofluoromethane	7.716	113	82070	55.899	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.800%			
50) Toluene-d8	10.179	98	306691	56.541	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 113.080%			
62) 4-Bromofluorobenzene	12.483	95	103281	56.020	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 112.040%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	35551	22.330	ug/l	99
3) Chloromethane	2.113	50	38225	19.881	ug/l	94
4) Vinyl Chloride	2.253	62	39189	20.874	ug/l	97
5) Bromomethane	2.644	94	26506	23.308	ug/l	99
6) Chloroethane	2.790	64	23720	20.572	ug/l	96
7) Trichlorofluoromethane	3.125	101	63505	20.873	ug/l	95
8) Diethyl Ether	3.528	74	19260	21.327	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.906	101	35262	20.579	ug/l	92
10) Methyl Iodide	4.088	142	35657	19.304	ug/l	96
11) Tert butyl alcohol	4.942	59	28931	139.787	ug/l #	88
12) 1,1-Dichloroethene	3.869	96	31732	20.049	ug/l	94
13) Acrolein	3.729	56	22396	106.585	ug/l	97
14) Allyl chloride	4.479	41	49762	20.470	ug/l #	95
15) Acrylonitrile	5.161	53	45736	107.795	ug/l	99
16) Acetone	3.948	43	47991	94.471	ug/l	95
17) Carbon Disulfide	4.192	76	100868	20.300	ug/l	99
18) Methyl Acetate	4.479	43	21049	22.122	ug/l #	90
19) Methyl tert-butyl Ether	5.216	73	95916	21.510	ug/l	94
20) Methylene Chloride	4.716	84	36187	20.631	ug/l	86
21) trans-1,2-Dichloroethene	5.216	96	35940	20.526	ug/l	86
22) Diisopropyl ether	6.119	45	108284	21.258	ug/l	96
23) Vinyl Acetate	6.058	43	357172	107.517	ug/l	95
24) 1,1-Dichloroethane	6.015	63	64492	20.964	ug/l	99
25) 2-Butanone	6.984	43	63768	103.897	ug/l #	87
26) 2,2-Dichloropropane	6.984	77	59405	20.181	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	38641	19.979	ug/l	94
28) Bromochloromethane	7.332	49	23765	19.757	ug/l #	87
29) Tetrahydrofuran	7.344	42	39981	112.729	ug/l	89
30) Chloroform	7.509	83	66199	20.686	ug/l	100
31) Cyclohexane	7.783	56	63169	20.697	ug/l	93
32) 1,1,1-Trichloroethane	7.704	97	60558	20.360	ug/l	96
36) 1,1-Dichloropropene	7.917	75	52217	20.344	ug/l	99
37) Ethyl Acetate	7.076	43	26396	20.686	ug/l	96
38) Carbon Tetrachloride	7.899	117	54939	20.373	ug/l	99
39) Methylcyclohexane	9.179	83	65910	20.447	ug/l	92
40) Benzene	8.161	78	138951	20.423	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	11198	17.659	ug/l #	1
42) 1,2-Dichloroethane	8.234	62	43266	20.920	ug/l	93
43) Isopropyl Acetate	8.271	43	51163	21.439	ug/l #	93
44) Trichloroethene	8.941	130	37290	20.271	ug/l	94
45) 1,2-Dichloropropane	9.216	63	34342	20.471	ug/l	91
46) Dibromomethane	9.307	93	20934	20.974	ug/l	91
47) Bromodichloromethane	9.496	83	50041	20.733	ug/l	98
48) Methyl methacrylate	9.289	41	23493	21.768	ug/l	90
49) 1,4-Dioxane	9.301	88	4528	414.153	ug/l	90
51) 4-Methyl-2-Pentanone	10.069	43	132235	109.257	ug/l	91
52) Toluene	10.246	92	88896	20.738	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	53219	21.106	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	57922	20.509	ug/l #	89
55) 1,1,2-Trichloroethane	10.648	97	27860	21.253	ug/l	97
56) Ethyl methacrylate	10.508	69	38509	21.150	ug/l #	83
57) 1,3-Dichloropropane	10.789	76	48988	21.077	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	98502	104.003	ug/l	97
59) 2-Hexanone	10.831	43	92010	104.276	ug/l	90
60) Dibromochloromethane	10.984	129	33571	20.571	ug/l	99
61) 1,2-Dibromoethane	11.087	107	26911	20.750	ug/l	99
64) Tetrachloroethene	10.721	164	32046	19.995	ug/l	93
65) Chlorobenzene	11.514	112	89995	19.809	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	33367	19.675	ug/l	97
67) Ethyl Benzene	11.593	91	170997	19.835	ug/l	99
68) m/p-Xylenes	11.703	106	127802	40.026	ug/l	99
69) o-Xylene	12.026	106	61010	20.210	ug/l	99
70) Styrene	12.044	104	99193	19.933	ug/l	100
71) Bromoform	12.209	173	19519	20.860	ug/l #	96
73) Isopropylbenzene	12.331	105	166826	19.974	ug/l	96
74) N-amyl acetate	12.142	43	44290	21.423	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	31733	20.805	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	23580m	21.704	ug/l	
77) Bromobenzene	12.605	156	34536	19.630	ug/l	97
78) n-propylbenzene	12.672	91	201762	19.944	ug/l	99
79) 2-Chlorotoluene	12.758	91	111071	19.830	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	136932	20.097	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	11651	21.485	ug/l	88
82) 4-Chlorotoluene	12.855	91	116358	20.226	ug/l	96
83) tert-Butylbenzene	13.075	119	117877	19.873	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	133839	19.950	ug/l	98
85) sec-Butylbenzene	13.251	105	178587	20.073	ug/l	98
86) p-Isopropyltoluene	13.367	119	145820	20.120	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	68624	20.118	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	67493	19.849	ug/l	97
89) n-Butylbenzene	13.697	91	139248	19.962	ug/l	99
90) Hexachloroethane	13.959	117	27725	20.242	ug/l	77
91) 1,2-Dichlorobenzene	13.739	146	59726	19.892	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5168	20.850	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	35305	19.856	ug/l	98
94) Hexachlorobutadiene	15.111	225	20244	20.567	ug/l	99
95) Naphthalene	15.233	128	76848	20.797	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	30510	20.328	ug/l	97

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

