

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041522\
 Data File : VY008345.D
 Acq On : 15 Apr 2022 12:36
 Operator : KP/MD
 Sample : VY0415SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0415SBS01

Quant Time: Apr 16 04:57:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/18/2022
 Supervised By :Semsettin Yesilyurt 04/18/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	129948	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	228943	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	208863	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	96371	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	57018	46.712	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.420%		
35) Dibromofluoromethane	7.715	113	60636	45.855	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.720%		
50) Toluene-d8	10.178	98	211654	46.777	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.560%		
62) 4-Bromofluorobenzene	12.483	95	74778	43.939	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	87.880%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	18343	17.045	ug/l	99
3) Chloromethane	2.113	50	24640	16.480	ug/l #	88
4) Vinyl Chloride	2.253	62	32963	17.806	ug/l	97
5) Bromomethane	2.643	94	31814	19.336	ug/l	96
6) Chloroethane	2.790	64	23286	17.959	ug/l	100
7) Trichlorofluoromethane	3.125	101	39634	17.992	ug/l	98
8) Diethyl Ether	3.533	74	14087	17.695	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.899	101	24297	16.980	ug/l	94
10) Methyl Iodide	4.088	142	26709	18.296	ug/l	90
11) Tert butyl alcohol	4.960	59	13484	103.329	ug/l	99
12) 1,1-Dichloroethene	3.875	96	22859	17.835	ug/l #	74
13) Acrolein	3.728	56	6081	59.182	ug/l	99
14) Allyl chloride	4.478	41	29961	17.911	ug/l #	90
15) Acrylonitrile	5.167	53	34337	88.186	ug/l	97
16) Acetone	3.948	43	26267	89.468	ug/l #	88
17) Carbon Disulfide	4.192	76	58157	17.199	ug/l	100
18) Methyl Acetate	4.478	43	16523	19.419	ug/l #	79
19) Methyl tert-butyl Ether	5.222	73	69383	17.541	ug/l	95
20) Methylene Chloride	4.716	84	39744	21.146	ug/l #	79
21) trans-1,2-Dichloroethene	5.222	96	27284	17.767	ug/l	83
22) Diisopropyl ether	6.118	45	72334	18.329	ug/l #	94
23) Vinyl Acetate	6.057	43	226180	88.450	ug/l #	88
24) 1,1-Dichloroethane	6.021	63	46123	18.207	ug/l	94
25) 2-Butanone	6.984	43	42562	92.712	ug/l #	80
26) 2,2-Dichloropropane	6.978	77	41984	17.997	ug/l	93
27) cis-1,2-Dichloroethene	6.984	96	32069	17.601	ug/l	84
28) Bromochloromethane	7.338	49	16088	16.569	ug/l #	73
29) Tetrahydrofuran	7.344	42	27079	91.361	ug/l #	74
30) Chloroform	7.508	83	50987	18.025	ug/l	98
31) Cyclohexane	7.789	56	37748	17.102	ug/l #	78
32) 1,1,1-Trichloroethane	7.703	97	43972	17.770	ug/l	96
36) 1,1-Dichloropropene	7.917	75	36283	17.183	ug/l	97
37) Ethyl Acetate	7.069	43	19275	17.703	ug/l #	93
38) Carbon Tetrachloride	7.898	117	38258	16.841	ug/l	99
39) Methylcyclohexane	9.185	83	43601	16.048	ug/l #	87
40) Benzene	8.161	78	109001	17.335	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	10780m	17.698	ug/l	
42) 1,2-Dichloroethane	8.240	62	31267	17.140	ug/l	92
43) Isopropyl Acetate	8.276	43	35594	17.615	ug/l #	86
44) Trichloroethene	8.941	130	30241	16.875	ug/l	99
45) 1,2-Dichloropropane	9.215	63	26248	17.088	ug/l	96
46) Dibromomethane	9.307	93	17476	17.190	ug/l	96
47) Bromodichloromethane	9.496	83	38798	16.969	ug/l	99
48) Methyl methacrylate	9.288	41	15055	17.526	ug/l #	75
49) 1,4-Dioxane	9.301	88	4581	349.162	ug/l #	78
51) 4-Methyl-2-Pentanone	10.069	43	94628	90.691	ug/l #	84
52) Toluene	10.246	92	72148	17.415	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	38923	16.704	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	45112	17.160	ug/l #	82
55) 1,1,2-Trichloroethane	10.648	97	24077	16.602	ug/l	96
56) Ethyl methacrylate	10.508	69	30701	17.267	ug/l #	76
57) 1,3-Dichloropropane	10.794	76	39842	17.108	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	60877	86.921	ug/l	91
59) 2-Hexanone	10.831	43	64956	90.472	ug/l	81
60) Dibromochloromethane	10.983	129	28069	16.569	ug/l	98
61) 1,2-Dibromoethane	11.087	107	23566	16.620	ug/l	99
64) Tetrachloroethene	10.721	164	25276	17.170	ug/l	96
65) Chlorobenzene	11.520	112	78782	17.393	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	28728	16.997	ug/l	97
67) Ethyl Benzene	11.593	91	135571	17.600	ug/l	95
68) m/p-Xylenes	11.703	106	105602	34.472	ug/l	94
69) o-Xylene	12.032	106	51110	17.192	ug/l	92
70) Styrene	12.044	104	84878	17.312	ug/l	95
71) Bromoform	12.209	173	16350	16.048	ug/l #	99
73) Isopropylbenzene	12.331	105	133852	18.681	ug/l	100
74) N-amyl acetate	12.148	43	30760	19.774	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.580	83	28615	18.874	ug/l	98
76) 1,2,3-Trichloropropane	12.635	75	18426m	17.288	ug/l	
77) Bromobenzene	12.611	156	31065	17.693	ug/l	97
78) n-propylbenzene	12.672	91	156993	18.569	ug/l	98
79) 2-Chlorotoluene	12.757	91	89173	18.793	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	106366	18.104	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	8629	18.114	ug/l	90
82) 4-Chlorotoluene	12.855	91	89758	18.408	ug/l	96
83) tert-Butylbenzene	13.074	119	93499	17.739	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	106436	18.306	ug/l	97
85) sec-Butylbenzene	13.257	105	141938	18.164	ug/l	99
86) p-Isopropyltoluene	13.373	119	113649	17.429	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	60478	17.392	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	60050	17.449	ug/l	99
89) n-Butylbenzene	13.696	91	106457	18.070	ug/l	100
90) Hexachloroethane	13.964	117	21243	17.430	ug/l	82
91) 1,2-Dichlorobenzene	13.739	146	54427	17.593	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4204	19.381	ug/l	85
93) 1,2,4-Trichlorobenzene	15.007	180	29482	16.112	ug/l	99
94) Hexachlorobutadiene	15.117	225	14834	15.969	ug/l	99
95) Naphthalene	15.239	128	65443	16.697	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	25926	16.191	ug/l	97

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

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