

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090622\
 Data File : VY010343.D
 Acq On : 06 Sep 2022 13:03
 Operator : KP/MD
 Sample : VY0906SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0906SBS01

Quant Time: Sep 06 14:16:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/07/2022
 Supervised By :Mahesh Dadoda 09/07/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	331385	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	517807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	458617	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	224492	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	162867	47.931	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.860%		
35) Dibromofluoromethane	7.710	113	156997	45.544	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.080%		
50) Toluene-d8	10.179	98	599025	51.904	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.800%		
62) 4-Bromofluorobenzene	12.477	95	211935	45.255	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	90.500%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	56609	21.399	ug/l	98
3) Chloromethane	2.107	50	81098	22.452	ug/l	95
4) Vinyl Chloride	2.241	62	94273	23.955	ug/l	100
5) Bromomethane	2.631	94	61278	25.314	ug/l	99
6) Chloroethane	2.784	64	58706	24.387	ug/l	98
7) Trichlorofluoromethane	3.113	101	116198	21.065	ug/l	94
8) Diethyl Ether	3.521	74	37067	18.805	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.887	101	67558	19.830	ug/l	96
10) Methyl Iodide	4.082	142	78376	19.122	ug/l	90
11) Tert butyl alcohol	4.942	59	37954	93.364	ug/l	97
12) 1,1-Dichloroethene	3.863	96	64004	19.402	ug/l	82
13) Acrolein	3.723	56	37983	88.263	ug/l	98
14) Allyl chloride	4.466	41	98849	17.025	ug/l #	95
15) Acrylonitrile	5.149	53	90637	88.248	ug/l	98
16) Acetone	3.942	43	71070	83.666	ug/l #	86
17) Carbon Disulfide	4.186	76	197551	19.660	ug/l	99
18) Methyl Acetate	4.466	43	52121	19.771	ug/l #	90
19) Methyl tert-butyl Ether	5.210	73	175919	18.241	ug/l	96
20) Methylene Chloride	4.698	84	85864	20.946	ug/l #	84
21) trans-1,2-Dichloroethene	5.210	96	73259	19.597	ug/l	87
22) Diisopropyl ether	6.112	45	207394	17.575	ug/l	94
23) Vinyl Acetate	6.051	43	642594	86.850	ug/l #	93
24) 1,1-Dichloroethane	6.003	63	123800	18.211	ug/l	97
25) 2-Butanone	6.978	43	118088	84.707	ug/l #	84
26) 2,2-Dichloropropane	6.972	77	114748	18.533	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	83116	19.455	ug/l	88
28) Bromochloromethane	7.332	49	32712	14.856	ug/l #	84
29) Tetrahydrofuran	7.338	42	76507	85.663	ug/l #	85
30) Chloroform	7.496	83	128118	19.138	ug/l	99
31) Cyclohexane	7.777	56	116460	17.569	ug/l	85
32) 1,1,1-Trichloroethane	7.698	97	119290	19.556	ug/l	95
36) 1,1-Dichloropropene	7.911	75	101130	19.995	ug/l	98
37) Ethyl Acetate	7.070	43	53969	18.611	ug/l #	95
38) Carbon Tetrachloride	7.893	117	108420	20.800	ug/l	96
39) Methylcyclohexane	9.179	83	121933	18.674	ug/l	89
40) Benzene	8.155	78	285047	19.679	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	27586m	16.874	ug/l	
42) 1,2-Dichloroethane	8.234	62	84658	20.157	ug/l	92
43) Isopropyl Acetate	8.271	43	97648	17.666	ug/l #	91
44) Trichloroethene	8.935	130	82585	20.768	ug/l	96
45) 1,2-Dichloropropane	9.209	63	69024	18.704	ug/l	98
46) Dibromomethane	9.301	93	41008	20.231	ug/l	97
47) Bromodichloromethane	9.490	83	98232	19.707	ug/l	99
48) Methyl methacrylate	9.289	41	44556	17.280	ug/l #	87
49) 1,4-Dioxane	9.295	88	10895	390.636	ug/l #	92
51) 4-Methyl-2-Pentanone	10.069	43	258894	90.783	ug/l	91
52) Toluene	10.240	92	181379	19.575	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	102717	19.105	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	115909	19.120	ug/l	90
55) 1,1,2-Trichloroethane	10.642	97	56207	19.534	ug/l	98
56) Ethyl methacrylate	10.508	69	78216	18.399	ug/l #	83
57) 1,3-Dichloropropane	10.788	76	98251	19.591	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	161552	125.798	ug/l	93
59) 2-Hexanone	10.831	43	176272	89.137	ug/l	89
60) Dibromochloromethane	10.984	129	70152	20.233	ug/l	100
61) 1,2-Dibromoethane	11.087	107	56066	20.163	ug/l	99
64) Tetrachloroethene	10.715	164	79845	21.348	ug/l	98
65) Chlorobenzene	11.514	112	196383	20.095	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	73466	20.473	ug/l	98
67) Ethyl Benzene	11.593	91	351382	19.635	ug/l	97
68) m/p-Xylenes	11.703	106	271727	39.747	ug/l	94
69) o-Xylene	12.026	106	130183	19.613	ug/l	94
70) Styrene	12.044	104	218640	19.774	ug/l	96
71) Bromoform	12.209	173	45369	20.452	ug/l #	99
73) Isopropylbenzene	12.325	105	338766	18.914	ug/l	99
74) N-amyl acetate	12.142	43	84793	17.160	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	64002	18.594	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	50001m	18.716	ug/l	
77) Bromobenzene	12.605	156	81435	19.987	ug/l	93
78) n-propylbenzene	12.672	91	399297	18.572	ug/l	97
79) 2-Chlorotoluene	12.758	91	228822	18.830	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	289259	19.276	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	22621	17.664	ug/l	89
82) 4-Chlorotoluene	12.855	91	234740	18.761	ug/l	98
83) tert-Butylbenzene	13.075	119	247902	19.015	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	280588	19.041	ug/l	98
85) sec-Butylbenzene	13.251	105	360009	18.673	ug/l	99
86) p-Isopropyltoluene	13.367	119	301375	18.924	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	158064	19.980	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	157269	19.994	ug/l	98
89) n-Butylbenzene	13.696	91	274463	18.231	ug/l	98
90) Hexachloroethane	13.959	117	57799	18.908	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	140185	19.882	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11003	18.141	ug/l	78
93) 1,2,4-Trichlorobenzene	15.007	180	84328	19.322	ug/l	98
94) Hexachlorobutadiene	15.111	225	51761	20.235	ug/l	99
95) Naphthalene	15.233	128	175260	19.354	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	74206	20.075	ug/l	99

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

