

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090322\
 Data File : VY010318.D
 Acq On : 03 Sep 2022 14:23
 Operator : KP/MD
 Sample : VY0903SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0903SBS01

Quant Time: Sep 05 04:18:52 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 09/06/2022
 Supervised By : Mahesh Dadoda 09/06/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	300787	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	469118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	415331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	204903	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	156015	50.585	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.160%			
35) Dibromofluoromethane	7.716	113	149366	47.828	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.660%			
50) Toluene-d8	10.179	98	590432	56.469	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 112.940%			
62) 4-Bromofluorobenzene	12.483	95	203643	48.435	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	56238	23.421	ug/l	98
3) Chloromethane	2.107	50	81180	24.761	ug/l	100
4) Vinyl Chloride	2.247	62	91457	25.604	ug/l	99
5) Bromomethane	2.637	94	58979	27.181	ug/l	98
6) Chloroethane	2.784	64	55526	25.412	ug/l	96
7) Trichlorofluoromethane	3.119	101	114647	22.898	ug/l	93
8) Diethyl Ether	3.521	74	36140	20.200	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.887	101	68241	22.068	ug/l	96
10) Methyl Iodide	4.082	142	75749	20.362	ug/l	90
11) Tert butyl alcohol	4.948	59	44145	119.640	ug/l	99
12) 1,1-Dichloroethene	3.863	96	65954	22.027	ug/l	84
13) Acrolein	3.722	56	34639	88.680	ug/l	95
14) Allyl chloride	4.472	41	102211	19.394	ug/l #	94
15) Acrylonitrile	5.155	53	85332	91.534	ug/l	98
16) Acetone	3.942	43	68334	88.628	ug/l #	87
17) Carbon Disulfide	4.186	76	194860	21.365	ug/l	98
18) Methyl Acetate	4.466	43	43099	18.012	ug/l #	91
19) Methyl tert-butyl Ether	5.216	73	171279	19.567	ug/l	98
20) Methylene Chloride	4.704	84	72140	19.388	ug/l	86
21) trans-1,2-Dichloroethene	5.210	96	71636	21.112	ug/l	86
22) Diisopropyl ether	6.112	45	213167	19.902	ug/l	96
23) Vinyl Acetate	6.051	43	640873	95.429	ug/l #	93
24) 1,1-Dichloroethane	6.009	63	126073	20.432	ug/l	99
25) 2-Butanone	6.978	43	113962	90.063	ug/l #	87
26) 2,2-Dichloropropane	6.978	77	115314	20.519	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	81443	21.003	ug/l	90
28) Bromochloromethane	7.332	49	31616	15.719	ug/l #	85
29) Tetrahydrofuran	7.344	42	73488	90.653	ug/l	89
30) Chloroform	7.502	83	126694	20.851	ug/l	96
31) Cyclohexane	7.777	56	122205	20.312	ug/l	91
32) 1,1,1-Trichloroethane	7.697	97	117497	21.222	ug/l	96
36) 1,1-Dichloropropene	7.917	75	101267	22.100	ug/l	97
37) Ethyl Acetate	7.069	43	50086	19.065	ug/l #	94
38) Carbon Tetrachloride	7.899	117	107164	22.693	ug/l	97
39) Methylcyclohexane	9.179	83	131963	22.308	ug/l	94
40) Benzene	8.155	78	284088	21.648	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	29667m	20.031	ug/l	
42) 1,2-Dichloroethane	8.234	62	82721	21.740	ug/l	93
43) Isopropyl Acetate	8.270	43	96195	19.209	ug/l #	92
44) Trichloroethene	8.935	130	81377	22.588	ug/l	100
45) 1,2-Dichloropropane	9.215	63	69816	20.882	ug/l	95
46) Dibromomethane	9.301	93	38525	20.979	ug/l	97
47) Bromodichloromethane	9.496	83	97259	21.537	ug/l	98
48) Methyl methacrylate	9.289	41	45490	19.474	ug/l	90
49) 1,4-Dioxane	9.295	88	9594	379.691	ug/l #	89
51) 4-Methyl-2-Pentanone	10.069	43	250447	96.935	ug/l	93
52) Toluene	10.240	92	181859	21.664	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	98830	20.290	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	113123	20.597	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	54430	20.880	ug/l	95
56) Ethyl methacrylate	10.508	69	73610	19.113	ug/l #	85
57) 1,3-Dichloropropane	10.788	76	94728	20.848	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	148438	128.150	ug/l	95
59) 2-Hexanone	10.831	43	169104	94.388	ug/l	92
60) Dibromochloromethane	10.983	129	67148	21.377	ug/l	100
61) 1,2-Dibromoethane	11.087	107	53266	21.144	ug/l	99
64) Tetrachloroethene	10.715	164	78926	23.302	ug/l	98
65) Chlorobenzene	11.514	112	195893	22.134	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	71012	21.851	ug/l	97
67) Ethyl Benzene	11.593	91	355628	21.943	ug/l	99
68) m/p-Xylenes	11.703	106	275293	44.466	ug/l	94
69) o-Xylene	12.026	106	130482	21.707	ug/l	94
70) Styrene	12.044	104	218354	21.807	ug/l	96
71) Bromoform	12.209	173	42095	20.954	ug/l #	99
73) Isopropylbenzene	12.331	105	349407	21.373	ug/l	100
74) N-amyl acetate	12.142	43	83749	18.569	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	61945	19.717	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	46064m	18.891	ug/l	
77) Bromobenzene	12.605	156	79954	21.500	ug/l	95
78) n-propylbenzene	12.672	91	416352	21.216	ug/l	98
79) 2-Chlorotoluene	12.751	91	231453	20.867	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	294854	21.528	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	21223	18.157	ug/l	93
82) 4-Chlorotoluene	12.855	91	238228	20.859	ug/l	98
83) tert-Butylbenzene	13.074	119	258260	21.703	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	289895	21.553	ug/l	98
85) sec-Butylbenzene	13.251	105	381163	21.660	ug/l	99
86) p-Isopropyltoluene	13.367	119	318686	21.924	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	157300	21.784	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	155762	21.696	ug/l	99
89) n-Butylbenzene	13.696	91	297456	21.647	ug/l	99
90) Hexachloroethane	13.958	117	60218	21.582	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	138882	21.580	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9898	17.879	ug/l	80
93) 1,2,4-Trichlorobenzene	15.007	180	84959	21.328	ug/l	98
94) Hexachlorobutadiene	15.111	225	52606	22.531	ug/l	98
95) Naphthalene	15.233	128	159896	19.345	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	71818	21.287	ug/l	99

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

