

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090222\
 Data File : VY010296.D
 Acq On : 02 Sep 2022 23:05
 Operator : KP/MD
 Sample : VY0902SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0902SBS02

Quant Time: Sep 03 00:13:22 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 :Krupa Patel 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	325193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	534746	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	479531	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	228491	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	177931	53.361	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.720%			
35) Dibromofluoromethane	7.716	113	165659	46.535	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 93.060%			
50) Toluene-d8	10.179	98	636918	53.439	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.880%			
62) 4-Bromofluorobenzene	12.477	95	224881	46.696	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 93.400%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	59090	22.762	ug/l	98
3) Chloromethane	2.107	50	82628	23.312	ug/l	99
4) Vinyl Chloride	2.247	62	89066	23.063	ug/l	96
5) Bromomethane	2.637	94	58028	24.232	ug/l	99
6) Chloroethane	2.784	64	54724	23.165	ug/l	96
7) Trichlorofluoromethane	3.113	101	114294	21.114	ug/l	93
8) Diethyl Ether	3.521	74	41253	21.327	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.887	101	67679	20.244	ug/l	96
10) Methyl Iodide	4.082	142	81179	20.183	ug/l	90
11) Tert butyl alcohol	4.942	59	66943	167.810	ug/l	97
12) 1,1-Dichloroethene	3.863	96	65892	20.354	ug/l	85
13) Acrolein	3.722	56	41953	99.344	ug/l	98
14) Allyl chloride	4.472	41	112681	19.776	ug/l	92
15) Acrylonitrile	5.155	53	106600	105.766	ug/l	97
16) Acetone	3.942	43	82560	99.043	ug/l #	89
17) Carbon Disulfide	4.186	76	205572	20.848	ug/l	99
18) Methyl Acetate	4.472	43	55800	21.570	ug/l	92
19) Methyl tert-butyl Ether	5.210	73	196462	20.759	ug/l	96
20) Methylene Chloride	4.704	84	106941	26.585	ug/l	87
21) trans-1,2-Dichloroethene	5.210	96	74944	20.429	ug/l	87
22) Diisopropyl ether	6.112	45	236977	20.464	ug/l #	94
23) Vinyl Acetate	6.051	43	750449	103.359	ug/l	96
24) 1,1-Dichloroethane	6.009	63	135927	20.376	ug/l	99
25) 2-Butanone	6.978	43	146168	106.846	ug/l #	90
26) 2,2-Dichloropropane	6.972	77	114168	18.790	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	87104	20.777	ug/l	91
28) Bromochloromethane	7.332	49	36956	16.871	ug/l	90
29) Tetrahydrofuran	7.344	42	93656	106.861	ug/l	90
30) Chloroform	7.502	83	136205	20.734	ug/l	100
31) Cyclohexane	7.777	56	126736	19.484	ug/l	94
32) 1,1,1-Trichloroethane	7.697	97	122022	20.385	ug/l	97
36) 1,1-Dichloropropene	7.911	75	103697	19.853	ug/l	97
37) Ethyl Acetate	7.069	43	62611	20.908	ug/l #	94
38) Carbon Tetrachloride	7.899	117	109748	20.388	ug/l	96
39) Methylcyclohexane	9.179	83	132354	19.628	ug/l	93
40) Benzene	8.155	78	305292	20.409	ug/l	97

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41) Methacrylonitrile	7.307	41	31334m	18.560	ug/l	
42) 1,2-Dichloroethane	8.234	62	91871	21.182	ug/l	93
43) Isopropyl Acetate	8.270	43	118926	20.834	ug/l #	94
44) Trichloroethene	8.935	130	84356	20.542	ug/l	96
45) 1,2-Dichloropropane	9.215	63	76078	19.962	ug/l	94
46) Dibromomethane	9.301	93	43801	20.925	ug/l	98
47) Bromodichloromethane	9.496	83	106519	20.692	ug/l	97
48) Methyl methacrylate	9.289	41	53696	20.166	ug/l #	90
49) 1,4-Dioxane	9.295	88	11907	413.397	ug/l #	87
51) 4-Methyl-2-Pentanone	10.069	43	315520	107.134	ug/l	92
52) Toluene	10.240	92	193500	20.221	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	110010	19.814	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	123765	19.769	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	62232	20.943	ug/l	97
56) Ethyl methacrylate	10.508	69	88140	20.077	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	106489	20.561	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	182929	141.785	ug/l	96
59) 2-Hexanone	10.831	43	215519	105.532	ug/l	90
60) Dibromochloromethane	10.983	129	74870	20.910	ug/l	98
61) 1,2-Dibromoethane	11.087	107	60088	20.925	ug/l	99
64) Tetrachloroethene	10.715	164	79449	20.316	ug/l	97
65) Chlorobenzene	11.514	112	205877	20.148	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	76792	20.466	ug/l	97
67) Ethyl Benzene	11.593	91	370542	19.802	ug/l	99
68) m/p-Xylenes	11.703	106	284697	39.828	ug/l	94
69) o-Xylene	12.026	106	138945	20.020	ug/l	93
70) Styrene	12.044	104	231544	20.028	ug/l	96
71) Bromoform	12.209	173	47874	20.640	ug/l #	99
73) Isopropylbenzene	12.331	105	361350	19.822	ug/l	99
74) N-amyl acetate	12.142	43	101271	20.136	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	72306	20.639	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	54358m	19.991	ug/l	
77) Bromobenzene	12.605	156	83637	20.168	ug/l	98
78) n-propylbenzene	12.666	91	424541	19.400	ug/l	99
79) 2-Chlorotoluene	12.751	91	240474	19.443	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	300965	19.705	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	24125	18.509	ug/l	92
82) 4-Chlorotoluene	12.855	91	249066	19.557	ug/l	99
83) tert-Butylbenzene	13.074	119	262086	19.751	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	296641	19.778	ug/l	98
85) sec-Butylbenzene	13.251	105	381257	19.429	ug/l	99
86) p-Isopropyltoluene	13.367	119	316100	19.501	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	160994	19.994	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	160727	20.076	ug/l	99
89) n-Butylbenzene	13.696	91	290347	18.949	ug/l	98
90) Hexachloroethane	13.958	117	61103	19.639	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	146678	20.438	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12707	20.584	ug/l	84
93) 1,2,4-Trichlorobenzene	15.007	180	85888	19.335	ug/l	99
94) Hexachlorobutadiene	15.111	225	51434	19.755	ug/l	98
95) Naphthalene	15.233	128	186804	20.267	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	75136	19.971	ug/l	98

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

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