

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY093022\
 Data File : VY010746.D
 Acq On : 30 Sep 2022 14:00
 Operator : KP/MD
 Sample : VY0930SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0930SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/03/2022
 Supervised By :Mahesh Dadoda 10/05/2022

Quant Time: Oct 01 06:17:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	268897	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	424781	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	376894	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	189347	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	130274	50.652	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	101.300%		
35) Dibromofluoromethane	7.715	113	125452	46.276	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.560%		
50) Toluene-d8	10.178	98	473787	47.458	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.920%		
62) 4-Bromofluorobenzene	12.477	95	164240	43.837	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	87.680%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.899	85	30436	21.111	ug/l	99
3) Chloromethane	2.113	50	43773	21.306	ug/l	95
4) Vinyl Chloride	2.247	62	57792	22.304	ug/l	99
5) Bromomethane	2.637	94	41103	22.863	ug/l	100
6) Chloroethane	2.789	64	40476	21.368	ug/l	100
7) Trichlorofluoromethane	3.119	101	76855	21.752	ug/l	94
8) Diethyl Ether	3.527	74	26421	21.809	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.887	101	45856	21.565	ug/l	95
10) Methyl Iodide	4.082	142	50262	20.461	ug/l	91
11) Tert butyl alcohol	4.942	59	27589	113.793	ug/l	98
12) 1,1-Dichloroethene	3.869	96	40200	21.171	ug/l	82
13) Acrolein	3.722	56	9369	78.308	ug/l	98
14) Allyl chloride	4.472	41	60958	21.294	ug/l #	92
15) Acrylonitrile	5.155	53	68053	108.232	ug/l	98
16) Acetone	3.942	43	61399	117.065	ug/l #	85
17) Carbon Disulfide	4.186	76	93853	22.814	ug/l	100
18) Methyl Acetate	4.472	43	39834	25.850	ug/l #	89
19) Methyl tert-butyl Ether	5.210	73	124509	21.032	ug/l	97
20) Methylene Chloride	4.704	84	54677	10.124	ug/l #	82
21) trans-1,2-Dichloroethene	5.216	96	45446	21.269	ug/l	85
22) Diisopropyl ether	6.112	45	144269	21.350	ug/l #	95
23) Vinyl Acetate	6.057	43	415526	104.092	ug/l #	92
24) 1,1-Dichloroethane	6.008	63	87748	21.636	ug/l	97
25) 2-Butanone	6.984	43	93457	113.920	ug/l #	87
26) 2,2-Dichloropropane	6.978	77	85525	21.930	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	56172	21.101	ug/l	90
28) Bromochloromethane	7.331	49	20679	14.857	ug/l #	83
29) Tetrahydrofuran	7.344	42	54714	108.587	ug/l #	83
30) Chloroform	7.502	83	93359	21.277	ug/l	100
31) Cyclohexane	7.782	56	70767	22.522	ug/l #	87
32) 1,1,1-Trichloroethane	7.697	97	83835	21.468	ug/l	96
36) 1,1-Dichloropropene	7.917	75	64563	21.374	ug/l	98
37) Ethyl Acetate	7.069	43	38077	21.824	ug/l #	94
38) Carbon Tetrachloride	7.898	117	75069	21.614	ug/l	97
39) Methylcyclohexane	9.179	83	75757	21.428	ug/l	88
40) Benzene	8.154	78	191711	21.290	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	17382m	19.533	ug/l	
42) 1,2-Dichloroethane	8.234	62	60105	21.676	ug/l	92
43) Isopropyl Acetate	8.270	43	68162	21.313	ug/l #	90
44) Trichloroethene	8.935	130	53469	20.743	ug/l	98
45) 1,2-Dichloropropane	9.209	63	49872	21.409	ug/l	94
46) Dibromomethane	9.301	93	29282	21.405	ug/l	97
47) Bromodichloromethane	9.496	83	72376	21.427	ug/l	99
48) Methyl methacrylate	9.288	41	30406	21.538	ug/l #	83
49) 1,4-Dioxane	9.294	88	8275	411.359	ug/l #	87
51) 4-Methyl-2-Pentanone	10.069	43	196024	108.566	ug/l	90
52) Toluene	10.239	92	124046	21.054	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	71352	20.891	ug/l	96
54) cis-1,3-Dichloropropene	9.922	75	81446	21.389	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	41997	20.871	ug/l	98
56) Ethyl methacrylate	10.508	69	54146	20.772	ug/l #	81
57) 1,3-Dichloropropane	10.788	76	71849	21.556	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	106819	86.933	ug/l	95
59) 2-Hexanone	10.831	43	133323	108.940	ug/l	88
60) Dibromochloromethane	10.983	129	51484	20.908	ug/l	98
61) 1,2-Dibromoethane	11.087	107	39620	21.032	ug/l	98
64) Tetrachloroethene	10.715	164	52774	20.961	ug/l	94
65) Chlorobenzene	11.514	112	137085	21.034	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	53685	21.144	ug/l	97
67) Ethyl Benzene	11.593	91	240883	21.048	ug/l	98
68) m/p-Xylenes	11.703	106	186126	41.982	ug/l	95
69) o-Xylene	12.026	106	90189	20.865	ug/l	94
70) Styrene	12.044	104	153104	20.851	ug/l	95
71) Bromoform	12.202	173	33303	21.123	ug/l #	99
73) Isopropylbenzene	12.324	105	245386	20.970	ug/l	100
74) N-amyl acetate	12.141	43	57479	20.255	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.580	83	50987	21.382	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	36029m	19.936	ug/l	
77) Bromobenzene	12.605	156	57063	20.495	ug/l	96
78) n-propylbenzene	12.666	91	290344	20.830	ug/l	98
79) 2-Chlorotoluene	12.751	91	163625	20.602	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	208292	21.066	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	16356	20.123	ug/l	93
82) 4-Chlorotoluene	12.849	91	169753	20.699	ug/l	98
83) tert-Butylbenzene	13.074	119	181484	20.523	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	208559	21.232	ug/l	99
85) sec-Butylbenzene	13.251	105	269228	20.788	ug/l	99
86) p-Isopropyltoluene	13.367	119	225491	20.835	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	114315	20.228	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	114709	20.508	ug/l	98
89) n-Butylbenzene	13.690	91	207569	20.893	ug/l	99
90) Hexachloroethane	13.958	117	43445	20.908	ug/l	92
91) 1,2-Dichlorobenzene	13.733	146	104193	20.697	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8685	21.826	ug/l	85
93) 1,2,4-Trichlorobenzene	15.001	180	63752	20.760	ug/l	99
94) Hexachlorobutadiene	15.104	225	38132	20.429	ug/l	98
95) Naphthalene	15.232	128	128007	20.687	ug/l	98
96) 1,2,3-Trichlorobenzene	15.421	180	53893	20.155	ug/l	98

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

