

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091123\
 Data File : VY015482.D
 Acq On : 11 Sep 2023 11:21
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 12 01:15:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/12/2023
 Supervised By :Semsettin Yesilyurt 09/12/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	183925	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	318914	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	291194	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	146748	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	96108	48.745	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.480%		
35) Dibromofluoromethane	7.710	113	89486	48.716	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.440%		
50) Toluene-d8	10.179	98	302256	45.438	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	90.880%		
62) 4-Bromofluorobenzene	12.477	95	115547	46.790	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	93.580%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	71148	44.501	ug/l	99
3) Chloromethane	2.107	50	99371	46.800	ug/l	98
4) Vinyl Chloride	2.247	62	116640	47.196	ug/l	99
5) Bromomethane	2.637	94	92823	52.785	ug/l	98
6) Chloroethane	2.784	64	81236	50.008	ug/l	97
7) Trichlorofluoromethane	3.113	101	164144	46.954	ug/l	100
8) Diethyl Ether	3.521	74	63060	52.783	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.893	101	90545	46.731	ug/l	96
10) Methyl Iodide	4.082	142	124711	54.809	ug/l	97
11) Tert butyl alcohol	4.954	59	119127	278.290	ug/l #	85
12) 1,1-Dichloroethene	3.863	96	89892	49.166	ug/l	97
13) Acrolein	3.723	56	116743	214.848	ug/l	99
14) Allyl chloride	4.472	41	152834	52.502	ug/l	96
15) Acrylonitrile	5.155	53	209004	278.014	ug/l	99
16) Acetone	3.942	43	203537	247.324	ug/l	93
17) Carbon Disulfide	4.186	76	243741	44.592	ug/l	100
18) Methyl Acetate	4.472	43	203011	68.107	ug/l	94
19) Methyl tert-butyl Ether	5.216	73	328931	55.354	ug/l	99
20) Methylene Chloride	4.704	84	121112	45.109	ug/l	90
21) trans-1,2-Dichloroethene	5.210	96	107185	50.910	ug/l	97
22) Diisopropyl ether	6.112	45	347092	54.518	ug/l	92
23) Vinyl Acetate	6.051	43	995718	247.707	ug/l	95
24) 1,1-Dichloroethane	6.009	63	194327	52.801	ug/l	96
25) 2-Butanone	6.978	43	315694	270.466	ug/l	96
26) 2,2-Dichloropropane	6.972	77	169988	54.380	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	128269	53.704	ug/l	94
28) Bromochloromethane	7.326	49	55745	49.392	ug/l	95
29) Tetrahydrofuran	7.344	42	205348	280.152	ug/l	92
30) Chloroform	7.502	83	211881	54.765	ug/l	96
31) Cyclohexane	7.783	56	149577	42.708	ug/l	91
32) 1,1,1-Trichloroethane	7.698	97	183963	53.234	ug/l	98
36) 1,1-Dichloropropene	7.917	75	148366	46.000	ug/l	99
37) Ethyl Acetate	7.070	43	120453	48.422	ug/l	96
38) Carbon Tetrachloride	7.899	117	162258	48.709	ug/l	99
39) Methylcyclohexane	9.179	83	171666	42.277	ug/l	94
40) Benzene	8.155	78	440434	48.944	ug/l	99

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Quant Title : SW846 8260

QLast Update : Thu Aug 31 20:01:47 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	60644m	51.988	ug/l	
42) 1,2-Dichloroethane	8.234	62	148011	49.326	ug/l	94
43) Isopropyl Acetate	8.271	43	218900	50.889	ug/l	96
44) Trichloroethene	8.935	130	124959	49.080	ug/l	100
45) 1,2-Dichloropropane	9.216	63	114088	50.293	ug/l	96
46) Dibromomethane	9.301	93	74964	49.749	ug/l	97
47) Bromodichloromethane	9.496	83	168294	52.226	ug/l	99
48) Methyl methacrylate	9.289	41	101146	51.250	ug/l	93
49) 1,4-Dioxane	9.295	88	28871	1031.508	ug/l #	51
51) 4-Methyl-2-Pentanone	10.069	43	671115	268.431	ug/l	94
52) Toluene	10.240	92	288387	50.001	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	179634	52.453	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	189903	50.975	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	105457	51.940	ug/l	97
56) Ethyl methacrylate	10.508	69	158736	52.758	ug/l	91
57) 1,3-Dichloropropane	10.788	76	180524	51.652	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	266231	247.903	ug/l	95
59) 2-Hexanone	10.831	43	499015	266.002	ug/l	91
60) Dibromochloromethane	10.984	129	127250	53.547	ug/l	99
61) 1,2-Dibromoethane	11.087	107	107319	52.165	ug/l	100
64) Tetrachloroethene	10.721	164	129300	48.920	ug/l	96
65) Chlorobenzene	11.514	112	316027	50.364	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	123589	53.812	ug/l	99
67) Ethyl Benzene	11.593	91	561485	49.833	ug/l	98
68) m/p-Xylenes	11.703	106	435062	99.616	ug/l	95
69) o-Xylene	12.026	106	211338	50.633	ug/l	98
70) Styrene	12.044	104	360936	51.429	ug/l	98
71) Bromoform	12.209	173	90312	56.371	ug/l #	99
73) Isopropylbenzene	12.331	105	553869	50.248	ug/l	99
74) N-amyl acetate	12.142	43	188954	51.024	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	140056	53.226	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	105574m	54.251	ug/l	
77) Bromobenzene	12.605	156	135717	51.985	ug/l	97
78) n-propylbenzene	12.672	91	653408	48.989	ug/l	99
79) 2-Chlorotoluene	12.751	91	374378	50.044	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	464220	50.350	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	48516	54.994	ug/l	96
82) 4-Chlorotoluene	12.855	91	385518	49.585	ug/l	99
83) tert-Butylbenzene	13.075	119	416329	51.555	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	463916	50.678	ug/l	98
85) sec-Butylbenzene	13.251	105	604437	50.183	ug/l	100
86) p-Isopropyltoluene	13.367	119	497672	49.299	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	259304	50.311	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	260691	50.038	ug/l	99
89) n-Butylbenzene	13.696	91	431210	45.384	ug/l	97
90) Hexachloroethane	13.959	117	97498	54.002	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	244423	51.966	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	28911	55.542	ug/l	92
93) 1,2,4-Trichlorobenzene	15.001	180	144583	48.948	ug/l	98
94) Hexachlorobutadiene	15.111	225	76889	47.737	ug/l	96
95) Naphthalene	15.233	128	399359	54.579	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	137650	51.089	ug/l	99

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

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