

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101223\
 Data File : VY015946.D
 Acq On : 12 Oct 2023 20:17
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY101223

Quant Time: Oct 13 13:15:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/13/2023
 Supervised By :Semsettin Yesilyurt 10/13/2023

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	231132	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	377709	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	348420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	174646	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	130799	49.585	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.180%		
35) Dibromofluoromethane	7.728	113	120324	50.601	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.200%		
50) Toluene-d8	10.191	98	442880	49.734	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	99.460%		
62) 4-Bromofluorobenzene	12.489	95	158356	49.940	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	99.880%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.912	85	106242	54.935	ug/l	98
3) Chloromethane	2.119	50	143977	47.977	ug/l	98
4) Vinyl Chloride	2.253	62	134544	54.384	ug/l	100
5) Bromomethane	2.662	94	83516	59.681	ug/l	98
6) Chloroethane	2.802	64	85032	53.184	ug/l	96
7) Trichlorofluoromethane	3.131	101	213920	50.978	ug/l	99
8) Diethyl Ether	3.540	74	82686	52.722	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.906	101	126623	53.068	ug/l	95
10) Methyl Iodide	4.101	142	165994	60.499	ug/l	96
11) Tert butyl alcohol	5.009	59	265176m	173.269	ug/l	
12) 1,1-Dichloroethene	3.881	96	119973	53.374	ug/l	90
13) Acrolein	3.747	56	123178	247.247	ug/l	100
14) Allyl chloride	4.491	41	198366	54.613	ug/l	90
15) Acrylonitrile	5.186	53	358363	259.383	ug/l	98
16) Acetone	3.973	43	385866	251.820	ug/l	92
17) Carbon Disulfide	4.204	76	365965	53.268	ug/l	99
18) Methyl Acetate	4.497	43	268077	50.437	ug/l	91
19) Methyl tert-butyl Ether	5.241	73	403182	53.507	ug/l	99
20) Methylene Chloride	4.729	84	150518	51.582	ug/l	87
21) trans-1,2-Dichloroethene	5.235	96	137374	52.286	ug/l	94
22) Diisopropyl ether	6.137	45	402250	53.331	ug/l	96
23) Vinyl Acetate	6.076	43	1362409	274.566	ug/l #	93
24) 1,1-Dichloroethane	6.033	63	236718	52.748	ug/l	98
25) 2-Butanone	7.009	43	555278	248.988	ug/l	94
26) 2,2-Dichloropropane	6.996	77	192201	51.577	ug/l	97
27) cis-1,2-Dichloroethene	6.996	96	157979	53.475	ug/l	92
28) Bromochloromethane	7.350	49	106645	53.252	ug/l	91
29) Tetrahydrofuran	7.362	42	386440	252.787	ug/l	92
30) Chloroform	7.521	83	246098	52.834	ug/l	97
31) Cyclohexane	7.795	56	213499	50.844	ug/l	92
32) 1,1,1-Trichloroethane	7.716	97	218561	52.758	ug/l	98
36) 1,1-Dichloropropene	7.929	75	190451	53.081	ug/l	99
37) Ethyl Acetate	7.088	43	296703	53.595	ug/l	95
38) Carbon Tetrachloride	7.911	117	199393	52.770	ug/l	99
39) Methylcyclohexane	9.191	83	246620	53.575	ug/l	94
40) Benzene	8.173	78	547873	52.776	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	95813m	52.491	ug/l	
42) 1,2-Dichloroethane	8.246	62	172325	51.733	ug/l	93
43) Isopropyl Acetate	8.283	43	310966	52.286	ug/l #	96
44) Trichloroethene	8.947	130	165466	51.722	ug/l	99
45) 1,2-Dichloropropane	9.228	63	142319	53.726	ug/l	98
46) Dibromomethane	9.313	93	100467	53.957	ug/l	96
47) Bromodichloromethane	9.502	83	203213	54.047	ug/l	98
48) Methyl methacrylate	9.301	41	144992	55.193	ug/l #	81
49) 1,4-Dioxane	9.331	88	53529	1030.857	ug/l #	40
51) 4-Methyl-2-Pentanone	10.081	43	1185067	270.377	ug/l	90
52) Toluene	10.252	92	349756	52.696	ug/l	95
53) t-1,3-Dichloropropene	10.471	75	228360	54.168	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	243662	53.767	ug/l #	88
55) 1,1,2-Trichloroethane	10.654	97	141137	53.239	ug/l	95
56) Ethyl methacrylate	10.520	69	230357	55.507	ug/l #	83
57) 1,3-Dichloropropane	10.794	76	236285	52.539	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	374262	205.510	ug/l	95
59) 2-Hexanone	10.837	43	976574	261.018	ug/l	87
60) Dibromochloromethane	10.996	129	161247	53.488	ug/l	99
61) 1,2-Dibromoethane	11.093	107	148994	51.942	ug/l	99
64) Tetrachloroethene	10.727	164	151039	49.728	ug/l	96
65) Chlorobenzene	11.520	112	384028	52.605	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	144469	53.459	ug/l	99
67) Ethyl Benzene	11.599	91	675097	52.887	ug/l	99
68) m/p-Xylenes	11.709	106	526449	106.866	ug/l	94
69) o-Xylene	12.038	106	252923	53.702	ug/l	97
70) Styrene	12.050	104	434343	54.188	ug/l	96
71) Bromoform	12.215	173	124064	53.910	ug/l #	97
73) Isopropylbenzene	12.337	105	659289	53.326	ug/l	100
74) N-amyl acetate	12.148	43	277100	55.479	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.587	83	203641	53.625	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	178406m	52.198	ug/l	
77) Bromobenzene	12.617	156	163215	52.587	ug/l	91
78) n-propylbenzene	12.678	91	798533	53.114	ug/l	99
79) 2-Chlorotoluene	12.764	91	448952	52.796	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	551728	53.715	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	79513	54.803	ug/l	90
82) 4-Chlorotoluene	12.861	91	465971	53.317	ug/l	99
83) tert-Butylbenzene	13.081	119	474064	52.524	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	545728	52.929	ug/l	98
85) sec-Butylbenzene	13.257	105	707761	52.837	ug/l	99
86) p-Isopropyltoluene	13.373	119	597620	53.389	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	313694	52.630	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	314685	52.283	ug/l	99
89) n-Butylbenzene	13.703	91	555759	52.799	ug/l	96
90) Hexachloroethane	13.965	117	112921	52.634	ug/l	91
91) 1,2-Dichlorobenzene	13.745	146	294804	52.716	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	55772	51.340	ug/l	89
93) 1,2,4-Trichlorobenzene	15.013	180	194833	53.006	ug/l	99
94) Hexachlorobutadiene	15.117	225	95720	51.288	ug/l	99
95) Naphthalene	15.239	128	636029	53.338	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	183757	52.145	ug/l	99

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

