

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112923\
 Data File : VY016531.D
 Acq On : 29 Nov 2023 10:41
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Nov 30 03:09:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 30 02:51:41 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/30/2023
 Supervised By :Semsettin Yesilyurt 11/30/2023

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

Internal Standards						
1) Pentafluorobenzene	7.825	168	183772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.722	114	274213	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.514	117	229315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.453	152	102573	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	216079	148.827	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 297.660%#			
35) Dibromofluoromethane	7.752	113	242319	150.567	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 301.140%#			
50) Toluene-d8	10.209	98	953004	152.675	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 305.340%#			
62) 4-Bromofluorobenzene	12.508	95	294255	150.271	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 300.540%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.924	85	228821	142.939	ug/l	98
3) Chloromethane	2.131	50	225654	141.307	ug/l	98
4) Vinyl Chloride	2.272	62	259578	144.017	ug/l	98
5) Bromomethane	2.674	94	177969	152.533	ug/l	100
6) Chloroethane	2.820	64	170382	146.429	ug/l	96
7) Trichlorofluoromethane	3.156	101	479869	153.788	ug/l	99
8) Diethyl Ether	3.558	74	128289	154.795	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.936	101	272091	153.613	ug/l	98
10) Methyl Iodide	4.131	142	324634	161.997	ug/l	96
11) Tert butyl alcohol	5.003	59	66615	723.904	ug/l #	80
12) 1,1-Dichloroethene	3.912	96	256819	155.140	ug/l	83
13) Acrolein	3.765	56	136224	781.225	ug/l	99
14) Allyl chloride	4.521	41	292909	153.915	ug/l #	88
15) Acrylonitrile	5.204	53	213223	727.054	ug/l	97
16) Acetone	3.985	43	174054	732.750	ug/l #	82
17) Carbon Disulfide	4.235	76	712669	152.593	ug/l	99
18) Methyl Acetate	4.515	43	165987	154.449	ug/l #	82
19) Methyl tert-butyl Ether	5.265	73	553421	153.410	ug/l	96
20) Methylene Chloride	4.759	84	240916	147.122	ug/l #	80
21) trans-1,2-Dichloroethene	5.265	96	275111	149.213	ug/l	88
22) Diisopropyl ether	6.161	45	580309	145.426	ug/l #	84
23) Vinyl Acetate	6.100	43	1359634	738.852	ug/l #	86
24) 1,1-Dichloroethane	6.064	63	418517	148.612	ug/l	95
25) 2-Butanone	7.021	43	251459	641.934	ug/l #	82
26) 2,2-Dichloropropane	7.021	77	422081	151.645	ug/l	95
27) cis-1,2-Dichloroethene	7.027	96	300363	151.635	ug/l	87
28) Bromochloromethane	7.374	49	143664	141.154	ug/l #	63
29) Tetrahydrofuran	7.387	42	155456	738.723	ug/l #	75
30) Chloroform	7.545	83	464370	147.943	ug/l	95
31) Cyclohexane	7.819	56	370948	145.533	ug/l #	85
32) 1,1,1-Trichloroethane	7.740	97	460175	151.289	ug/l	94
36) 1,1-Dichloropropene	7.954	75	367491	154.631	ug/l	96
37) Ethyl Acetate	7.112	43	109801	147.409	ug/l #	90
38) Carbon Tetrachloride	7.935	117	439394	157.524	ug/l	99
39) Methylcyclohexane	9.215	83	485432	163.758	ug/l	87
40) Benzene	8.197	78	1026747	152.373	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	66470	161.422	ug/l #	89
42) 1,2-Dichloroethane	8.271	62	254490	152.404	ug/l	91
43) Isopropyl Acetate	8.301	43	227385	155.240	ug/l #	83
44) Trichloroethene	8.972	130	323040	155.642	ug/l	92
45) 1,2-Dichloropropane	9.246	63	230139	151.357	ug/l	96
46) Dibromomethane	9.337	93	129359	151.300	ug/l	97
47) Bromodichloromethane	9.526	83	343874	152.337	ug/l	98
48) Methyl methacrylate	9.319	41	129422	157.386	ug/l #	78
49) 1,4-Dioxane	9.325	88	25616	3235.483	ug/l #	58
51) 4-Methyl-2-Pentanone	10.099	43	561766	735.181	ug/l #	83
52) Toluene	10.270	92	670582	154.917	ug/l	93
53) t-1,3-Dichloropropene	10.490	75	328398	156.997	ug/l	99
54) cis-1,3-Dichloropropene	9.959	75	392649	154.907	ug/l #	84
55) 1,1,2-Trichloroethane	10.673	97	182853	148.213	ug/l	94
56) Ethyl methacrylate	10.538	69	167024	159.976	ug/l #	76
57) 1,3-Dichloropropane	10.819	76	299161	150.541	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.813	63	522597	809.455	ug/l #	86
59) 2-Hexanone	10.855	43	402998	667.683	ug/l	79
60) Dibromochloromethane	11.014	129	245292	152.111	ug/l	100
61) 1,2-Dibromoethane	11.118	107	175203	150.381	ug/l	100
64) Tetrachloroethene	10.746	164	320327	156.960	ug/l	98
65) Chlorobenzene	11.544	112	714712	155.631	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.617	131	271790	154.385	ug/l	99
67) Ethyl Benzene	11.617	91	1282497	159.091	ug/l	97
68) m/p-Xylenes	11.727	106	994838	318.875	ug/l	92
69) o-Xylene	12.056	106	457256	159.648	ug/l	95
70) Styrene	12.069	104	657281	159.495	ug/l	97
71) Bromoform	12.233	173	139989	153.946	ug/l #	99
73) Isopropylbenzene	12.355	105	1238970	159.279	ug/l	98
74) N-amyl acetate	12.166	43	177408	161.498	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.605	83	169104	146.452	ug/l	98
76) 1,2,3-Trichloropropane	12.660	75	128799m	149.061	ug/l	
77) Bromobenzene	12.636	156	286460	158.158	ug/l	86
78) n-propylbenzene	12.697	91	1392595	156.486	ug/l	96
79) 2-Chlorotoluene	12.782	91	770157	155.597	ug/l	96
80) 1,3,5-Trimethylbenzene	12.837	105	994125	158.984	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.404	75	58810	148.929	ug/l	88
82) 4-Chlorotoluene	12.879	91	795699	156.572	ug/l	97
83) tert-Butylbenzene	13.099	119	880831	156.092	ug/l	97
84) 1,2,4-Trimethylbenzene	13.148	105	970393	159.400	ug/l	97
85) sec-Butylbenzene	13.276	105	1218271	156.096	ug/l	98
86) p-Isopropyltoluene	13.392	119	1081878	160.437	ug/l	98
87) 1,3-Dichlorobenzene	13.392	146	535012	156.434	ug/l	99
88) 1,4-Dichlorobenzene	13.471	146	518940	155.025	ug/l	99
89) n-Butylbenzene	13.721	91	929617	157.280	ug/l	94
90) Hexachloroethane	13.983	117	204917	155.748	ug/l	100
91) 1,2-Dichlorobenzene	13.763	146	452543	156.132	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.379	75	27137	167.059	ug/l	77
93) 1,2,4-Trichlorobenzene	15.031	180	277658	149.129	ug/l	98
94) Hexachlorobutadiene	15.135	225	158116	157.512	ug/l	98
95) Naphthalene	15.263	128	497031	148.189	ug/l	99
96) 1,2,3-Trichlorobenzene	15.452	180	228662	149.077	ug/l	99

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

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