

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112923\
 Data File : VY016534.D
 Acq On : 29 Nov 2023 13:13
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Nov 30 03:11:36 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	7.819	168	176908	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.716	114	266769	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.514	117	232529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.447	152	104934	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	146946	105.138	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 210.280%#			
35) Dibromofluoromethane	7.746	113	161348	103.052	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 206.100%#			
50) Toluene-d8	10.203	98	623239	102.631	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 205.260%#			
62) 4-Bromofluorobenzene	12.502	95	200198	105.091	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 210.180%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.918	85	142351	92.374	ug/l	98
3) Chloromethane	2.132	50	147591	96.009	ug/l	97
4) Vinyl Chloride	2.266	62	167538	96.559	ug/l	97
5) Bromomethane	2.668	94	115429	102.770	ug/l	99
6) Chloroethane	2.814	64	112299	100.256	ug/l	97
7) Trichlorofluoromethane	3.150	101	298240	99.288	ug/l	99
8) Diethyl Ether	3.552	74	88306	110.685	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.930	101	169523	99.420	ug/l	98
10) Methyl Iodide	4.125	142	204378	105.945	ug/l	97
11) Tert butyl alcohol	4.991	59	52130	588.475	ug/l #	80
12) 1,1-Dichloroethene	3.899	96	162961	102.262	ug/l	84
13) Acrolein	3.753	56	100047	596.017	ug/l	98
14) Allyl chloride	4.509	41	192617	105.141	ug/l #	87
15) Acrylonitrile	5.198	53	161334	571.466	ug/l	96
16) Acetone	3.973	43	133097	540.849	ug/l #	86
17) Carbon Disulfide	4.229	76	452382	100.620	ug/l	98
18) Methyl Acetate	4.509	43	124758	120.590	ug/l #	82
19) Methyl tert-butyl Ether	5.259	73	390993	112.590	ug/l	96
20) Methylene Chloride	4.753	84	166468	104.801	ug/l #	81
21) trans-1,2-Dichloroethene	5.259	96	180828	101.882	ug/l	86
22) Diisopropyl ether	6.155	45	399651	104.039	ug/l #	84
23) Vinyl Acetate	6.094	43	973268	549.414	ug/l #	85
24) 1,1-Dichloroethane	6.052	63	275948	101.789	ug/l	96
25) 2-Butanone	7.015	43	191128	506.850	ug/l #	82
26) 2,2-Dichloropropane	7.015	77	269789	100.691	ug/l	95
27) cis-1,2-Dichloroethene	7.021	96	198224	103.954	ug/l	86
28) Bromochloromethane	7.362	49	98094	100.120	ug/l #	65
29) Tetrahydrofuran	7.381	42	120111	592.910	ug/l #	76
30) Chloroform	7.533	83	306942	101.582	ug/l	98
31) Cyclohexane	7.813	56	233456	95.145	ug/l #	86
32) 1,1,1-Trichloroethane	7.734	97	297035	101.443	ug/l	94
36) 1,1-Dichloropropene	7.948	75	233220	100.871	ug/l	97
37) Ethyl Acetate	7.106	43	83712	115.520	ug/l #	91
38) Carbon Tetrachloride	7.929	117	275264	101.436	ug/l	99
39) Methylcyclohexane	9.210	83	301629	104.592	ug/l #	86
40) Benzene	8.191	78	667998	101.899	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	44726	111.648	ug/l	89
42) 1,2-Dichloroethane	8.265	62	174179	107.220	ug/l	91
43) Isopropyl Acetate	8.301	43	164670	115.561	ug/l #	84
44) Trichloroethene	8.966	130	208222	103.122	ug/l	95
45) 1,2-Dichloropropane	9.240	63	151745	102.584	ug/l	97
46) Dibromomethane	9.331	93	90249	108.502	ug/l	96
47) Bromodichloromethane	9.520	83	232713	105.969	ug/l	98
48) Methyl methacrylate	9.313	41	94367	117.959	ug/l #	77
49) 1,4-Dioxane	9.325	88	18845m	2446.677	ug/l	
51) 4-Methyl-2-Pentanone	10.093	43	429481	577.744	ug/l #	84
52) Toluene	10.264	92	437488	103.888	ug/l	93
53) t-1,3-Dichloropropene	10.484	75	224644	110.392	ug/l	100
54) cis-1,3-Dichloropropene	9.953	75	266626	108.124	ug/l #	83
55) 1,1,2-Trichloroethane	10.667	97	128352	106.940	ug/l	94
56) Ethyl methacrylate	10.532	69	121041	119.168	ug/l #	75
57) 1,3-Dichloropropane	10.813	76	211177	109.232	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.807	63	378806	603.108	ug/l #	86
59) 2-Hexanone	10.856	43	311165	529.921	ug/l	80
60) Dibromochloromethane	11.008	129	171294	109.188	ug/l	100
61) 1,2-Dibromoethane	11.112	107	125647	110.855	ug/l	99
64) Tetrachloroethene	10.746	164	210849	101.888	ug/l	97
65) Chlorobenzene	11.538	112	475211	102.049	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.611	131	182923	102.470	ug/l	100
67) Ethyl Benzene	11.611	91	831920	101.771	ug/l	96
68) m/p-Xylenes	11.721	106	646164	204.252	ug/l	93
69) o-Xylene	12.050	106	302730	104.235	ug/l	95
70) Styrene	12.063	104	442658	105.930	ug/l	96
71) Bromoform	12.227	173	99852	108.289	ug/l #	99
73) Isopropylbenzene	12.349	105	816466	102.601	ug/l	98
74) N-amyl acetate	12.166	43	133993	119.232	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.605	83	125673	106.390	ug/l	99
76) 1,2,3-Trichloropropane	12.654	75	83635m	94.614	ug/l	
77) Bromobenzene	12.630	156	194712	105.084	ug/l	87
78) n-propylbenzene	12.691	91	924003	101.494	ug/l	96
79) 2-Chlorotoluene	12.776	91	519573	102.609	ug/l	96
80) 1,3,5-Trimethylbenzene	12.831	105	658103	102.878	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.398	75	44533	110.237	ug/l	87
82) 4-Chlorotoluene	12.873	91	527078	101.381	ug/l	96
83) tert-Butylbenzene	13.093	119	596893	103.395	ug/l	96
84) 1,2,4-Trimethylbenzene	13.142	105	646532	103.812	ug/l	97
85) sec-Butylbenzene	13.276	105	803969	100.694	ug/l	98
86) p-Isopropyltoluene	13.392	119	713146	103.376	ug/l	97
87) 1,3-Dichlorobenzene	13.386	146	359982	102.888	ug/l	99
88) 1,4-Dichlorobenzene	13.465	146	350959	102.484	ug/l	100
89) n-Butylbenzene	13.715	91	621317	102.754	ug/l	95
90) Hexachloroethane	13.983	117	136716	101.574	ug/l	98
91) 1,2-Dichlorobenzene	13.757	146	314124	105.938	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.373	75	20350	122.458	ug/l	81
93) 1,2,4-Trichlorobenzene	15.026	180	194328	103.102	ug/l	99
94) Hexachlorobutadiene	15.129	225	104802	102.053	ug/l	97
95) Naphthalene	15.257	128	357303	105.225	ug/l	99
96) 1,2,3-Trichlorobenzene	15.446	180	160761	103.733	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

