

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010224\
 Data File : VY016891.D
 Acq On : 02 Jan 2024 12:45
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Jan 02 13:52:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 13:45:05 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/04/2024
 Supervised By :Semsettin Yesilyurt 01/04/2024

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	154338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	252999	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	215803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	91516	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	124587	81.674	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 163.340%#			
35) Dibromofluoromethane	7.728	113	137129	85.057	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 170.120%#			
50) Toluene-d8	10.191	98	499685	90.007	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 180.020%#			
62) 4-Bromofluorobenzene	12.489	95	159871	85.353	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 170.700%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	105441	98.059	ug/l	97
3) Chloromethane	2.119	50	161494	89.074	ug/l	98
4) Vinyl Chloride	2.259	62	196480	91.875	ug/l	99
5) Bromomethane	2.656	94	137837	89.968	ug/l	96
6) Chloroethane	2.802	64	133734	92.445	ug/l	96
7) Trichlorofluoromethane	3.137	101	245254	93.075	ug/l	99
8) Diethyl Ether	3.540	74	78282	92.961	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.912	101	156449	91.314	ug/l	100
10) Methyl Iodide	4.107	142	155530	106.705	ug/l	98
11) Tert butyl alcohol	4.960	59	51393	495.767	ug/l	99
12) 1,1-Dichloroethene	3.881	96	139455	94.866	ug/l	97
13) Acrolein	3.735	56	73689	449.251	ug/l	99
14) Allyl chloride	4.491	41	226939	97.653	ug/l	100
15) Acrylonitrile	5.174	53	178796	453.927	ug/l	99
16) Acetone	3.954	43	164330	457.095	ug/l	99
17) Carbon Disulfide	4.210	76	347901	99.048	ug/l	99
18) Methyl Acetate	4.485	43	161158	98.611	ug/l	99
19) Methyl tert-butyl Ether	5.235	73	369357	96.578	ug/l	99
20) Methylene Chloride	4.729	84	170156	98.135	ug/l	98
21) trans-1,2-Dichloroethene	5.235	96	162242	96.365	ug/l	99
22) Diisopropyl ether	6.131	45	523571	97.451	ug/l	96
23) Vinyl Acetate	6.076	43	1157983	470.057	ug/l	99
24) 1,1-Dichloroethane	6.033	63	303163	93.899	ug/l	98
25) 2-Butanone	6.996	43	233440	456.451	ug/l	98
26) 2,2-Dichloropropane	6.996	77	270073	96.477	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	193795	98.195	ug/l	99
28) Bromochloromethane	7.344	49	120602	99.500	ug/l	99
29) Tetrahydrofuran	7.356	42	141406	458.012	ug/l	99
30) Chloroform	7.515	83	311699	93.684	ug/l	100
31) Cyclohexane	7.795	56	243984	93.191	ug/l	97
32) 1,1,1-Trichloroethane	7.716	97	269206	95.426	ug/l	99
36) 1,1-Dichloropropene	7.929	75	232504	98.956	ug/l	100
37) Ethyl Acetate	7.088	43	96521	90.398	ug/l	99
38) Carbon Tetrachloride	7.911	117	233246	97.710	ug/l	99
39) Methylcyclohexane	9.191	83	276515	104.687	ug/l	98
40) Benzene	8.173	78	687735	97.576	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	54122	96.245	ug/l	93
42) 1,2-Dichloroethane	8.246	62	176508	94.333	ug/l	100
43) Isopropyl Acetate	8.283	43	191944	93.874	ug/l	99
44) Trichloroethene	8.947	130	176778	98.568	ug/l	98
45) 1,2-Dichloropropane	9.228	63	173858	95.749	ug/l	97
46) Dibromomethane	9.313	93	87423	94.404	ug/l	99
47) Bromodichloromethane	9.508	83	237072	95.334	ug/l	97
48) Methyl methacrylate	9.301	41	111692	101.219	ug/l	98
49) 1,4-Dioxane	9.313	88	18150	1892.880	ug/l	95
51) 4-Methyl-2-Pentanone	10.081	43	513234	471.981	ug/l	100
52) Toluene	10.252	92	424782	99.864	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	221355	99.376	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	266243	99.530	ug/l	98
55) 1,1,2-Trichloroethane	10.654	97	124960	92.365	ug/l	98
56) Ethyl methacrylate	10.520	69	118373	103.301	ug/l	99
57) 1,3-Dichloropropane	10.801	76	214358	94.900	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	348782	467.399	ug/l	100
59) 2-Hexanone	10.837	43	359183	448.593	ug/l	99
60) Dibromochloromethane	10.990	129	149888	96.071	ug/l	99
61) 1,2-Dibromoethane	11.099	107	111335	94.718	ug/l	99
64) Tetrachloroethene	10.727	164	137383	98.195	ug/l	98
65) Chlorobenzene	11.526	112	441819	98.278	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	168714	98.724	ug/l	99
67) Ethyl Benzene	11.599	91	834165	103.065	ug/l	100
68) m/p-Xylenes	11.709	106	618767	208.280	ug/l	100
69) o-Xylene	12.038	106	290520	104.313	ug/l	99
70) Styrene	12.050	104	427662	105.505	ug/l	99
71) Bromoform	12.215	173	81874	97.319	ug/l #	98
73) Isopropylbenzene	12.337	105	788998	105.576	ug/l	99
74) N-amyl acetate	12.154	43	148697	99.033	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	139557	91.651	ug/l	98
76) 1,2,3-Trichloropropane	12.642	75	84457m	85.715	ug/l	
77) Bromobenzene	12.617	156	166099	100.948	ug/l	98
78) n-propylbenzene	12.678	91	937924	103.235	ug/l	100
79) 2-Chlorotoluene	12.764	91	507996	100.832	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	619421	104.801	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	43155	98.674	ug/l	96
82) 4-Chlorotoluene	12.861	91	515986	100.250	ug/l	100
83) tert-Butylbenzene	13.081	119	543844	104.468	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	611002	104.972	ug/l	98
85) sec-Butylbenzene	13.264	105	798869	103.566	ug/l	99
86) p-Isopropyltoluene	13.379	119	675850	106.164	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	322660	99.989	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	308385	97.707	ug/l	99
89) n-Butylbenzene	13.703	91	641879	104.868	ug/l	99
90) Hexachloroethane	13.971	117	134798	98.539	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	270431	96.974	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	17383	91.037	ug/l	98
93) 1,2,4-Trichlorobenzene	15.013	180	149131	107.691	ug/l	98
94) Hexachlorobutadiene	15.117	225	84239	97.104	ug/l	99
95) Naphthalene	15.245	128	271110	96.612	ug/l	100
96) 1,2,3-Trichlorobenzene	15.434	180	121557	103.379	ug/l	98

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

