

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041624\
 Data File : VY017944.D
 Acq On : 16 Apr 2024 12:41
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Apr 17 06:07:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:02:45 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/17/2024
 Supervised By :Semsettin Yesilyurt 04/17/2024

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	448154	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	695239	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	613876	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	292675	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	389292	100.380	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 200.760%#			
35) Dibromofluoromethane	7.722	113	438175	102.158	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 204.320%#			
50) Toluene-d8	10.185	98	1701154	104.523	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 209.040%#			
62) 4-Bromofluorobenzene	12.483	95	536435	106.424	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 212.840%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	321324	90.379	ug/l	99
3) Chloromethane	2.113	50	518464	88.008	ug/l	98
4) Vinyl Chloride	2.247	62	612020	92.171	ug/l	100
5) Bromomethane	2.644	94	425025	96.167	ug/l	98
6) Chloroethane	2.790	64	391930	93.494	ug/l	99
7) Trichlorofluoromethane	3.125	101	698328	93.318	ug/l	94
8) Diethyl Ether	3.527	74	235891	99.755	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.899	101	439129	94.232	ug/l	99
10) Methyl Iodide	4.088	142	617416	99.587	ug/l	98
11) Tert butyl alcohol	4.960	59	140461	522.375	ug/l #	83
12) 1,1-Dichloroethene	3.869	96	437836	96.782	ug/l	96
13) Acrolein	3.729	56	162379	537.609	ug/l	99
14) Allyl chloride	4.479	41	572547	97.796	ug/l	96
15) Acrylonitrile	5.161	53	487267	507.509	ug/l	100
16) Acetone	3.948	43	385128	502.589	ug/l	94
17) Carbon Disulfide	4.198	76	1354118	94.092	ug/l	98
18) Methyl Acetate	4.479	43	190510	94.504	ug/l	100
19) Methyl tert-butyl Ether	5.222	73	1022723	103.731	ug/l	100
20) Methylene Chloride	4.716	84	483185	93.073	ug/l	94
21) trans-1,2-Dichloroethene	5.222	96	483692	97.601	ug/l	99
22) Diisopropyl ether	6.118	45	1279323	99.678	ug/l	99
23) Vinyl Acetate	6.064	43	3986186	523.759	ug/l	99
24) 1,1-Dichloroethane	6.021	63	814238	97.166	ug/l	99
25) 2-Butanone	6.984	43	590360	524.137	ug/l	96
26) 2,2-Dichloropropane	6.984	77	658845	97.998	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	567986	100.352	ug/l	99
28) Bromochloromethane	7.338	49	308894	93.709	ug/l	99
29) Tetrahydrofuran	7.350	42	374667	524.175	ug/l	98
30) Chloroform	7.508	83	825219	96.355	ug/l	99
31) Cyclohexane	7.789	56	685591	92.487	ug/l	98
32) 1,1,1-Trichloroethane	7.704	97	690286	96.771	ug/l	98
36) 1,1-Dichloropropene	7.923	75	609948	97.783	ug/l	99
37) Ethyl Acetate	7.076	43	267951	104.409	ug/l	98
38) Carbon Tetrachloride	7.905	117	623410	98.923	ug/l	98
39) Methylcyclohexane	9.185	83	821656	101.080	ug/l	98
40) Benzene	8.161	78	1928597	98.707	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	167933m	103.679	ug/l	
42) 1,2-Dichloroethane	8.240	62	445804	99.578	ug/l	100
43) Isopropyl Acetate	8.277	43	505191	105.602	ug/l	98
44) Trichloroethene	8.941	130	495100	99.717	ug/l	99
45) 1,2-Dichloropropane	9.215	63	442920	98.478	ug/l	99
46) Dibromomethane	9.307	93	255428	102.670	ug/l	98
47) Bromodichloromethane	9.496	83	628437	100.685	ug/l	98
48) Methyl methacrylate	9.295	41	234357	106.909	ug/l	99
49) 1,4-Dioxane	9.301	88	60617	2134.314	ug/l #	94
51) 4-Methyl-2-Pentanone	10.069	43	1357951	535.460	ug/l	100
52) Toluene	10.246	92	1221669	101.894	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	603090	105.840	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	719964	102.852	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	344046	101.731	ug/l	97
56) Ethyl methacrylate	10.508	69	496782	112.676	ug/l	99
57) 1,3-Dichloropropane	10.788	76	580606	101.387	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	1247091	544.158	ug/l	100
59) 2-Hexanone	10.831	43	964523	557.146	ug/l	100
60) Dibromochloromethane	10.983	129	450572	103.664	ug/l	99
61) 1,2-Dibromoethane	11.087	107	326519	103.597	ug/l	100
64) Tetrachloroethene	10.721	164	437860	99.570	ug/l	98
65) Chlorobenzene	11.514	112	1343433	99.853	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	453339	102.187	ug/l	100
67) Ethyl Benzene	11.593	91	2325805	102.668	ug/l	98
68) m/p-Xylenes	11.703	106	1787171	205.402	ug/l	100
69) o-Xylene	12.032	106	852443	104.912	ug/l	99
70) Styrene	12.044	104	1469077	106.975	ug/l	99
71) Bromoform	12.209	173	269397	105.101	ug/l #	99
73) Isopropylbenzene	12.331	105	2177692	102.114	ug/l	99
74) N-amyl acetate	12.142	43	469094	108.965	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	396725	99.745	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	271126m	98.968	ug/l	
77) Bromobenzene	12.605	156	529238	102.548	ug/l	98
78) n-propylbenzene	12.672	91	2592260	100.184	ug/l	98
79) 2-Chlorotoluene	12.758	91	1448702	100.029	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	1720766	101.759	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	141276	106.060	ug/l	96
82) 4-Chlorotoluene	12.855	91	1480776	98.720	ug/l	98
83) tert-Butylbenzene	13.075	119	1590470	102.978	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	1724025	102.376	ug/l	99
85) sec-Butylbenzene	13.251	105	2328856	100.388	ug/l	99
86) p-Isopropyltoluene	13.367	119	1961967	102.924	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	1029680	100.557	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	983815	97.872	ug/l	99
89) n-Butylbenzene	13.696	91	1812751	101.082	ug/l	99
90) Hexachloroethane	13.959	117	387053	99.021	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	882089	99.850	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	52751	103.109	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	543227	105.594	ug/l	99
94) Hexachlorobutadiene	15.111	225	300139	98.346	ug/l	99
95) Naphthalene	15.233	128	973450	114.827	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	460388	106.652	ug/l	100

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

