

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122023\
 Data File : VY016729.D
 Acq On : 20 Dec 2023 16:55
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Dec 21 00:54:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 00:33:36 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/21/2023
 Supervised By :Semsettin Yesilyurt 12/21/2023

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	198227	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	329129	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	276272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	114746	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	266846	147.461	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 294.920%#			
35) Dibromofluoromethane	7.734	113	285421	151.390	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 302.780%#			
50) Toluene-d8	10.191	98	1065925	156.836	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 313.680%#			
62) 4-Bromofluorobenzene	12.489	95	334473	151.691	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 303.380%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	219222	129.409	ug/l	97
3) Chloromethane	2.119	50	362113	139.064	ug/l	100
4) Vinyl Chloride	2.260	62	409635	139.274	ug/l	99
5) Bromomethane	2.662	94	299598	143.016	ug/l	96
6) Chloroethane	2.802	64	283011	142.003	ug/l	98
7) Trichlorofluoromethane	3.137	101	481785	140.614	ug/l	100
8) Diethyl Ether	3.540	74	155132	141.536	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.918	101	291210	138.553	ug/l	100
10) Methyl Iodide	4.107	142	323841	147.862	ug/l	98
11) Tert butyl alcohol	5.009	59	88310	595.860	ug/l	99
12) 1,1-Dichloroethene	3.887	96	269532	144.029	ug/l	98
13) Acrolein	3.747	56	50342	479.390	ug/l	99
14) Allyl chloride	4.497	41	422109	147.265	ug/l	99
15) Acrylonitrile	5.186	53	327880	706.387	ug/l	99
16) Acetone	3.973	43	281446	575.158	ug/l	98
17) Carbon Disulfide	4.210	76	739187	145.170	ug/l	100
18) Methyl Acetate	4.497	43	289907	151.599	ug/l	100
19) Methyl tert-butyl Ether	5.241	73	719408	149.406	ug/l	99
20) Methylene Chloride	4.735	84	300157	146.656	ug/l	98
21) trans-1,2-Dichloroethene	5.241	96	312822	146.569	ug/l	99
22) Diisopropyl ether	6.137	45	952005	146.808	ug/l	97
23) Vinyl Acetate	6.082	43	2225626	725.676	ug/l	98
24) 1,1-Dichloroethane	6.039	63	553085	141.983	ug/l	99
25) 2-Butanone	7.009	43	429542	637.561	ug/l	95
26) 2,2-Dichloropropane	7.003	77	493752	145.249	ug/l	100
27) cis-1,2-Dichloroethene	7.003	96	358815	146.077	ug/l	99
28) Bromochloromethane	7.356	49	200884	130.293	ug/l	97
29) Tetrahydrofuran	7.368	42	267308	725.607	ug/l	99
30) Chloroform	7.521	83	566600	142.084	ug/l	100
31) Cyclohexane	7.801	56	475487	137.142	ug/l	99
32) 1,1,1-Trichloroethane	7.716	97	501656	143.313	ug/l	100
36) 1,1-Dichloropropene	7.935	75	441888	146.200	ug/l	100
37) Ethyl Acetate	7.094	43	186747	141.170	ug/l	99
38) Carbon Tetrachloride	7.917	117	439852	147.065	ug/l	100
39) Methylcyclohexane	9.197	83	550434	157.732	ug/l	98
40) Benzene	8.173	78	1280702	145.608	ug/l	100

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41) Methacrylonitrile	7.326	41	113691	165.288	ug/l	99
42) 1,2-Dichloroethane	8.252	62	327746	142.827	ug/l	99
43) Isopropyl Acetate	8.289	43	378368	150.375	ug/l	99
44) Trichloroethene	8.953	130	328778	146.455	ug/l	99
45) 1,2-Dichloropropane	9.228	63	316460	143.433	ug/l	99
46) Dibromomethane	9.319	93	164288	144.138	ug/l	100
47) Bromodichloromethane	9.508	83	433883	144.428	ug/l	98
48) Methyl methacrylate	9.301	41	219893	155.814	ug/l	100
49) 1,4-Dioxane	9.319	88	33652	3041.921	ug/l	91
51) 4-Methyl-2-Pentanone	10.081	43	1009111	752.710	ug/l	98
52) Toluene	10.252	92	796425	151.099	ug/l	100
53) t-1,3-Dichloropropene	10.478	75	419371	153.095	ug/l	99
54) cis-1,3-Dichloropropene	9.941	75	498556	150.888	ug/l	99
55) 1,1,2-Trichloroethane	10.654	97	233602	143.648	ug/l	98
56) Ethyl methacrylate	10.520	69	234336	163.873	ug/l	100
57) 1,3-Dichloropropane	10.801	76	395939	143.343	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.795	63	391439	389.638	ug/l	100
59) 2-Hexanone	10.837	43	711597	711.842	ug/l	98
60) Dibromochloromethane	10.996	129	276557	147.009	ug/l	99
61) 1,2-Dibromoethane	11.099	107	214191	146.869	ug/l	100
64) Tetrachloroethene	10.728	164	258665	150.721	ug/l	98
65) Chlorobenzene	11.526	112	808710	148.988	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	310798	152.182	ug/l	99
67) Ethyl Benzene	11.599	91	1556171	155.762	ug/l	100
68) m/p-Xylenes	11.709	106	1148412	311.284	ug/l	99
69) o-Xylene	12.038	106	535146	158.113	ug/l	100
70) Styrene	12.050	104	797728	159.281	ug/l	100
71) Bromoform	12.215	173	155652	152.874	ug/l #	98
73) Isopropylbenzene	12.337	105	1417624	158.632	ug/l	99
74) N-amyl acetate	12.148	43	316083	168.053	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	266869	149.438	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	193901m	152.626	ug/l	
77) Bromobenzene	12.617	156	303885	155.872	ug/l	99
78) n-propylbenzene	12.678	91	1670676	154.300	ug/l	100
79) 2-Chlorotoluene	12.764	91	921187	153.755	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	1104700	156.162	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	84897	157.180	ug/l	97
82) 4-Chlorotoluene	12.861	91	939898	152.917	ug/l	99
83) tert-Butylbenzene	13.081	119	950435	154.460	ug/l	97
84) 1,2,4-Trimethylbenzene	13.130	105	1104563	158.349	ug/l	98
85) sec-Butylbenzene	13.264	105	1381073	151.534	ug/l	99
86) p-Isopropyltoluene	13.380	119	1197138	157.724	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	590600	155.013	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	555770	149.387	ug/l	100
89) n-Butylbenzene	13.703	91	1113363	153.450	ug/l	99
90) Hexachloroethane	13.971	117	237567	150.314	ug/l	100
91) 1,2-Dichlorobenzene	13.745	146	491212	151.337	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	34592	149.430	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	279547	162.313	ug/l	98
94) Hexachlorobutadiene	15.123	225	145036	148.266	ug/l	99
95) Naphthalene	15.245	128	575579	147.680	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	237759	162.092	ug/l	99

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

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