

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020124\
 Data File : VY017170.D
 Acq On : 01 Feb 2024 15:32
 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: Feb 02 00:39:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:27:48 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 02/02/2024
 Supervised By : Mahesh Dadoda 02/02/2024

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	141364	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	232875	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	200595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	89813	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	188251	149.067	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 298.140%#			
35) Dibromofluoromethane	7.728	113	193875	154.190	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 308.380%#			
50) Toluene-d8	10.191	98	726643	158.725	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 317.440%#			
62) 4-Bromofluorobenzene	12.489	95	236637	157.792	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 315.580%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	138024	128.796	ug/l	98
3) Chloromethane	2.119	50	247424	128.522	ug/l	98
4) Vinyl Chloride	2.253	62	312677	133.279	ug/l	99
5) Bromomethane	2.644	94	223568	137.477	ug/l	97
6) Chloroethane	2.796	64	209996	138.631	ug/l	99
7) Trichlorofluoromethane	3.131	101	340514	141.152	ug/l	99
8) Diethyl Ether	3.540	74	112228	147.898	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.906	101	208003	142.240	ug/l	100
10) Methyl Iodide	4.101	142	240107	156.179	ug/l	99
11) Tert butyl alcohol	4.972	59	75568	743.503	ug/l	97
12) 1,1-Dichloroethene	3.881	96	197757	144.321	ug/l	97
13) Acrolein	3.741	56	75855	748.263	ug/l	97
14) Allyl chloride	4.491	41	302939	146.239	ug/l	98
15) Acrylonitrile	5.174	53	250029	731.818	ug/l	100
16) Acetone	3.954	43	240420	647.733	ug/l	99
17) Carbon Disulfide	4.204	76	611327	139.761	ug/l	99
18) Methyl Acetate	4.485	43	134036	161.875	ug/l	99
19) Methyl tert-butyl Ether	5.241	73	515413	156.180	ug/l	100
20) Methylene Chloride	4.729	84	214568	148.013	ug/l	99
21) trans-1,2-Dichloroethene	5.235	96	228587	146.641	ug/l	97
22) Diisopropyl ether	6.131	45	669928	147.264	ug/l	99
23) Vinyl Acetate	6.070	43	2095169	760.106	ug/l	99
24) 1,1-Dichloroethane	6.033	63	397417	142.608	ug/l	99
25) 2-Butanone	6.997	43	348171	705.618	ug/l	96
26) 2,2-Dichloropropane	6.997	77	340510	146.898	ug/l	100
27) cis-1,2-Dichloroethene	6.997	96	261036	149.723	ug/l	99
28) Bromochloromethane	7.344	49	153347	143.711	ug/l	95
29) Tetrahydrofuran	7.356	42	211309	758.100	ug/l	98
30) Chloroform	7.521	83	404935	144.444	ug/l	99
31) Cyclohexane	7.795	56	351775	138.199	ug/l	99
32) 1,1,1-Trichloroethane	7.716	97	359467	149.071	ug/l	99
36) 1,1-Dichloropropene	7.929	75	322519	148.702	ug/l	99
37) Ethyl Acetate	7.088	43	147057	146.187	ug/l	99
38) Carbon Tetrachloride	7.911	117	319249	153.734	ug/l	99
39) Methylcyclohexane	9.197	83	405677	160.104	ug/l	96
40) Benzene	8.173	78	935234	150.997	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	76982	161.518	ug/l	91
42) 1,2-Dichloroethane	8.246	62	243803	148.670	ug/l	100
43) Isopropyl Acetate	8.283	43	282910	158.872	ug/l	99
44) Trichloroethene	8.947	130	242205	154.052	ug/l	97
45) 1,2-Dichloropropane	9.228	63	226381	148.803	ug/l	100
46) Dibromomethane	9.313	93	125563	152.791	ug/l	99
47) Bromodichloromethane	9.502	83	312262	151.830	ug/l	96
48) Methyl methacrylate	9.301	41	134764	161.343	ug/l	99
49) 1,4-Dioxane	9.307	88	28557	3192.568	ug/l	97
51) 4-Methyl-2-Pentanone	10.081	43	758104	794.187	ug/l	99
52) Toluene	10.252	92	582656	155.850	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	310407	160.680	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	364874	157.688	ug/l	99
55) 1,1,2-Trichloroethane	10.654	97	171347	153.248	ug/l	98
56) Ethyl methacrylate	10.520	69	233287	148.761	ug/l	99
57) 1,3-Dichloropropane	10.801	76	292111	151.895	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	591948	849.813	ug/l	99
59) 2-Hexanone	10.837	43	542298	785.653	ug/l	98
60) Dibromochloromethane	10.996	129	205383	156.578	ug/l	98
61) 1,2-Dibromoethane	11.099	107	162219	155.997	ug/l	100
64) Tetrachloroethene	10.728	164	199335	153.009	ug/l	99
65) Chlorobenzene	11.526	112	592121	153.018	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	225657	160.465	ug/l	99
67) Ethyl Benzene	11.599	91	1131779	161.831	ug/l	100
68) m/p-Xylenes	11.709	106	860596	324.261	ug/l	100
69) o-Xylene	12.038	106	408667	167.208	ug/l	99
70) Styrene	12.050	104	678105	168.391	ug/l	99
71) Bromoform	12.215	173	120232	163.255	ug/l #	97
73) Isopropylbenzene	12.337	105	1053364	159.649	ug/l	99
74) N-amyl acetate	12.154	43	242926	163.859	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	193100	148.800	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	117430m	132.758	ug/l	
77) Bromobenzene	12.617	156	227572	155.497	ug/l	98
78) n-propylbenzene	12.678	91	1270752	156.815	ug/l	99
79) 2-Chlorotoluene	12.764	91	690802	155.059	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	836139	159.342	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	64449	161.547	ug/l	96
82) 4-Chlorotoluene	12.861	91	703083	153.339	ug/l	98
83) tert-Butylbenzene	13.081	119	722062	160.528	ug/l	97
84) 1,2,4-Trimethylbenzene	13.130	105	836877	161.573	ug/l	97
85) sec-Butylbenzene	13.264	105	1107830	157.582	ug/l	98
86) p-Isopropyltoluene	13.380	119	929621	165.476	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	459250	157.298	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	433425	152.804	ug/l	99
89) n-Butylbenzene	13.703	91	853719	159.832	ug/l	99
90) Hexachloroethane	13.971	117	176084	152.678	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	386709	155.588	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.367	75	26684	157.860	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	211940	171.673	ug/l	99
94) Hexachlorobutadiene	15.123	225	111750	153.691	ug/l	100
95) Naphthalene	15.245	128	429890	148.408	ug/l	100
96) 1,2,3-Trichlorobenzene	15.434	180	178951	170.432	ug/l	98

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

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