

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050124\
 Data File : VY018092.D
 Acq On : 01 May 2024 10:55
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: May 01 16:03:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 14:41:51 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 05/02/2024
 Supervised By :Semsettin Yesilyurt 05/02/2024

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	364047	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	579130	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	509310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	238834	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	301495	105.067	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 210.140%#			
35) Dibromofluoromethane	7.716	113	339784	102.096	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 204.200%#			
50) Toluene-d8	10.179	98	1323822	101.890	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 203.780%#			
62) 4-Bromofluorobenzene	12.483	95	461202	103.147	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 206.300%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	258150	88.835	ug/l	99
3) Chloromethane	2.107	50	343588	90.490	ug/l	97
4) Vinyl Chloride	2.247	62	386765	94.147	ug/l	100
5) Bromomethane	2.650	94	175572	69.241	ug/l	96
6) Chloroethane	2.784	64	237941	93.003	ug/l	99
7) Trichlorofluoromethane	3.119	101	515949	94.338	ug/l	96
8) Diethyl Ether	3.521	74	170420	97.047	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.887	101	320012	93.760	ug/l	95
10) Methyl Iodide	4.082	142	454324	100.430	ug/l	97
11) Tert butyl alcohol	4.978	59	107550	505.317	ug/l	100
12) 1,1-Dichloroethene	3.863	96	328230	94.308	ug/l	95
13) Acrolein	3.723	56	174986	502.695	ug/l	100
14) Allyl chloride	4.472	41	442519	96.166	ug/l	97
15) Acrylonitrile	5.155	53	325476	493.433	ug/l	99
16) Acetone	3.942	43	296083	506.805	ug/l	89
17) Carbon Disulfide	4.186	76	984361	94.719	ug/l	99
18) Methyl Acetate	4.472	43	133252	95.177	ug/l	100
19) Methyl tert-butyl Ether	5.210	73	781200	97.815	ug/l	100
20) Methylene Chloride	4.704	84	334582	87.344	ug/l	98
21) trans-1,2-Dichloroethene	5.210	96	362081	97.863	ug/l	96
22) Diisopropyl ether	6.106	45	945446	99.759	ug/l	94
23) Vinyl Acetate	6.051	43	3064771	509.863	ug/l	99
24) 1,1-Dichloroethane	6.009	63	548125	95.780	ug/l	99
25) 2-Butanone	6.984	43	441196	518.776	ug/l	94
26) 2,2-Dichloropropane	6.972	77	507229	94.773	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	423836	96.057	ug/l	97
28) Bromochloromethane	7.326	49	233684	101.043	ug/l	92
29) Tetrahydrofuran	7.344	42	277214	512.735	ug/l	94
30) Chloroform	7.502	83	586195	96.799	ug/l	100
31) Cyclohexane	7.777	56	493314	89.721	ug/l	98
32) 1,1,1-Trichloroethane	7.697	97	534114	96.631	ug/l	99
36) 1,1-Dichloropropene	7.911	75	427511	96.231	ug/l	97
37) Ethyl Acetate	7.069	43	201914	104.442	ug/l #	95
38) Carbon Tetrachloride	7.899	117	483513	95.890	ug/l	98
39) Methylcyclohexane	9.179	83	615503	94.329	ug/l	97
40) Benzene	8.155	78	1371635	96.085	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	116768	96.351	ug/l	88
42) 1,2-Dichloroethane	8.234	62	326670	98.775	ug/l	99
43) Isopropyl Acetate	8.271	43	410643	101.104	ug/l	95
44) Trichloroethene	8.935	130	389199	96.139	ug/l	94
45) 1,2-Dichloropropane	9.215	63	299658	96.211	ug/l	100
46) Dibromomethane	9.301	93	182936	96.605	ug/l	94
47) Bromodichloromethane	9.496	83	452951	97.432	ug/l	99
48) Methyl methacrylate	9.289	41	189776	102.072	ug/l	89
49) 1,4-Dioxane	9.307	88	43512	2071.097	ug/l #	100
51) 4-Methyl-2-Pentanone	10.069	43	1037808	523.163	ug/l	94
52) Toluene	10.240	92	906611	95.961	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	449964	100.173	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	518688	98.292	ug/l #	92
55) 1,1,2-Trichloroethane	10.642	97	251717	98.831	ug/l	97
56) Ethyl methacrylate	10.508	69	369006	102.473	ug/l #	87
57) 1,3-Dichloropropane	10.788	76	410292	100.835	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	884939	526.441	ug/l	94
59) 2-Hexanone	10.831	43	763984	539.602	ug/l	92
60) Dibromochloromethane	10.983	129	343738	99.365	ug/l	100
61) 1,2-Dibromoethane	11.087	107	246103	100.837	ug/l	99
64) Tetrachloroethene	10.721	164	346272	93.924	ug/l	95
65) Chlorobenzene	11.514	112	1023324	95.193	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	349874	96.753	ug/l	98
67) Ethyl Benzene	11.593	91	1718811	95.343	ug/l	96
68) m/p-Xylenes	11.703	106	1381006	191.184	ug/l	99
69) o-Xylene	12.026	106	660602	95.197	ug/l	99
70) Styrene	12.044	104	1141782	97.761	ug/l	98
71) Bromoform	12.209	173	210378	99.277	ug/l #	99
73) Isopropylbenzene	12.331	105	1705746	94.893	ug/l	98
74) N-amyl acetate	12.142	43	419363	106.295	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	280895	98.206	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	199096m	53.708	ug/l	
77) Bromobenzene	12.605	156	404968	94.814	ug/l	97
78) n-propylbenzene	12.672	91	1978640	95.589	ug/l	97
79) 2-Chlorotoluene	12.758	91	1134061	96.466	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	1379319	95.209	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	109506	99.527	ug/l	98
82) 4-Chlorotoluene	12.855	91	1184174	98.300	ug/l	99
83) tert-Butylbenzene	13.075	119	1260387	95.027	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	1364840	96.168	ug/l	100
85) sec-Butylbenzene	13.251	105	1805258	94.847	ug/l	98
86) p-Isopropyltoluene	13.367	119	1509660	95.176	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	768953	94.128	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	759373	94.312	ug/l	99
89) n-Butylbenzene	13.696	91	1350359	96.199	ug/l	97
90) Hexachloroethane	13.959	117	304142	94.377	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	684433	96.149	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	42083	97.536	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	390508	98.156	ug/l	98
94) Hexachlorobutadiene	15.111	225	202813	92.095	ug/l	99
95) Naphthalene	15.233	128	758894	103.597	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	329313	99.197	ug/l	99

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

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