

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061324\
 Data File : VY018583.D
 Acq On : 13 Jun 2024 18:46
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY061324

Quant Time: Jun 14 07:14:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/14/2024
 Supervised By :Mahesh Dadoda 06/14/2024

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	161573	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	273414	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	243600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	121229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	80306	49.367	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.740%		
35) Dibromofluoromethane	7.703	113	83082	49.813	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.620%		
50) Toluene-d8	10.173	98	329072	51.305	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	102.600%		
62) 4-Bromofluorobenzene	12.477	95	104921	51.803	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	103.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.894	85	53721	50.482	ug/l	98
3) Chloromethane	2.101	50	115076	52.505	ug/l	99
4) Vinyl Chloride	2.241	62	136791	50.398	ug/l	100
5) Bromomethane	2.637	94	101534	50.328	ug/l	98
6) Chloroethane	2.778	64	89209	50.173	ug/l	100
7) Trichlorofluoromethane	3.107	101	153229	52.425	ug/l	97
8) Diethyl Ether	3.515	74	42657	51.185	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.881	101	79997	52.383	ug/l	96
10) Methyl Iodide	4.070	142	83808	45.452	ug/l	96
11) Tert butyl alcohol	4.936	59	42972	146.862	ug/l #	87
12) 1,1-Dichloroethene	3.851	96	79153	51.575	ug/l	96
13) Acrolein	3.716	56	28888	307.090	ug/l	100
14) Allyl chloride	4.460	41	102557	49.568	ug/l	96
15) Acrylonitrile	5.143	53	90911	245.215	ug/l	98
16) Acetone	3.930	43	83763	253.094	ug/l	88
17) Carbon Disulfide	4.174	76	234628	50.391	ug/l	99
18) Methyl Acetate	4.460	43	42540	50.675	ug/l	99
19) Methyl tert-butyl Ether	5.204	73	204433	49.936	ug/l	98
20) Methylene Chloride	4.698	84	103891	51.140	ug/l	94
21) trans-1,2-Dichloroethene	5.198	96	90436	51.765	ug/l	99
22) Diisopropyl ether	6.106	45	231729	49.612	ug/l	96
23) Vinyl Acetate	6.045	43	960506	221.820	ug/l	99
24) 1,1-Dichloroethane	5.996	63	149366	49.637	ug/l	100
25) 2-Butanone	6.972	43	122526	246.985	ug/l	98
26) 2,2-Dichloropropane	6.966	77	122572	48.347	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	107270	50.833	ug/l	99
28) Bromochloromethane	7.319	49	63506	51.490	ug/l	97
29) Tetrahydrofuran	7.338	42	76966	252.812	ug/l	97
30) Chloroform	7.496	83	159687	48.694	ug/l	98
31) Cyclohexane	7.771	56	123055	49.384	ug/l	96
32) 1,1,1-Trichloroethane	7.685	97	138892	49.853	ug/l	97
36) 1,1-Dichloropropene	7.905	75	115130	50.149	ug/l	99
37) Ethyl Acetate	7.057	43	53650	49.574	ug/l	97
38) Carbon Tetrachloride	7.886	117	122916	51.033	ug/l	100
39) Methylcyclohexane	9.173	83	152668	54.273	ug/l	94
40) Benzene	8.149	78	356333	50.187	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	26788	49.215	ug/l	95
42) 1,2-Dichloroethane	8.228	62	90544	48.882	ug/l	98
43) Isopropyl Acetate	8.264	43	101392	50.195	ug/l	97
44) Trichloroethene	8.929	130	94813	51.006	ug/l	98
45) 1,2-Dichloropropane	9.209	63	79515	48.978	ug/l	98
46) Dibromomethane	9.295	93	51536	51.160	ug/l	94
47) Bromodichloromethane	9.490	83	119421	49.670	ug/l	99
48) Methyl methacrylate	9.282	41	47611	52.357	ug/l	93
49) 1,4-Dioxane	9.295	88	13374	1009.472	ug/l #	90
51) 4-Methyl-2-Pentanone	10.063	43	269797	253.572	ug/l	98
52) Toluene	10.240	92	236149	51.804	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	108993	51.875	ug/l	96
54) cis-1,3-Dichloropropene	9.923	75	129698	51.152	ug/l	95
55) 1,1,2-Trichloroethane	10.636	97	68008	50.758	ug/l	98
56) Ethyl methacrylate	10.508	69	93037	53.064	ug/l	94
57) 1,3-Dichloropropane	10.782	76	111752	50.210	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	174024	205.601	ug/l	99
59) 2-Hexanone	10.825	43	191466	256.903	ug/l	97
60) Dibromochloromethane	10.977	129	85534	51.390	ug/l	98
61) 1,2-Dibromoethane	11.081	107	64900	52.412	ug/l	98
64) Tetrachloroethene	10.715	164	89021	51.236	ug/l	97
65) Chlorobenzene	11.508	112	256453	50.962	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	83692	49.628	ug/l	99
67) Ethyl Benzene	11.587	91	452390	51.810	ug/l	97
68) m/p-Xylenes	11.697	106	354918	104.460	ug/l	99
69) o-Xylene	12.026	106	166532	50.970	ug/l	98
70) Styrene	12.038	104	285664	52.924	ug/l	100
71) Bromoform	12.203	173	46418	50.164	ug/l #	98
73) Isopropylbenzene	12.325	105	439041	49.595	ug/l	99
74) N-amyl acetate	12.136	43	94240	51.987	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.575	83	79045	50.288	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	58211m	51.189	ug/l	
77) Bromobenzene	12.605	156	101513	49.585	ug/l	98
78) n-propylbenzene	12.666	91	527381	50.905	ug/l	99
79) 2-Chlorotoluene	12.751	91	289101	49.435	ug/l	100
80) 1,3,5-Trimethylbenzene	12.806	105	355069	50.608	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	23136	53.291	ug/l	94
82) 4-Chlorotoluene	12.849	91	294867	50.070	ug/l	98
83) tert-Butylbenzene	13.068	119	318143	48.994	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	361032	51.485	ug/l	100
85) sec-Butylbenzene	13.251	105	479623	51.788	ug/l	100
86) p-Isopropyltoluene	13.367	119	401389	51.123	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	202552	49.052	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	199467	49.226	ug/l	98
89) n-Butylbenzene	13.690	91	372082	52.577	ug/l	99
90) Hexachloroethane	13.958	117	74664	52.348	ug/l	93
91) 1,2-Dichlorobenzene	13.733	146	177008	50.180	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.349	75	10640	46.747	ug/l	97
93) 1,2,4-Trichlorobenzene	15.001	180	100823	51.303	ug/l	97
94) Hexachlorobutadiene	15.105	225	51121	50.627	ug/l	97
95) Naphthalene	15.233	128	195082	53.120	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	85549	51.521	ug/l	99

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

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