

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012424\
 Data File : VY017093.D
 Acq On : 24 Jan 2024 15:13
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Quant Time: Jan 25 04:25:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:13:31 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	130172	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	225300	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	191487	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	81032	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	13378	10.548	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	21.100%#		
35) Dibromofluoromethane	7.734	113	13608	10.007	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	20.020%#		
50) Toluene-d8	10.197	98	50732	9.878	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	19.760%#		
62) 4-Bromofluorobenzene	12.495	95	15313	9.679	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	19.360%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	14143	10.709	ug/l	97
3) Chloromethane	2.125	50	22377	10.158	ug/l	100
4) Vinyl Chloride	2.265	62	25486	9.790	ug/l	97
5) Bromomethane	2.668	94	18981	10.610	ug/l	99
6) Chloroethane	2.814	64	16047	10.041	ug/l	96
7) Trichlorofluoromethane	3.143	101	26649	9.570	ug/l	99
8) Diethyl Ether	3.552	74	8413	11.217	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.930	101	16515	11.343	ug/l	98
10) Methyl Iodide	4.119	142	13743	9.935	ug/l	98
11) Tert butyl alcohol	4.978	59	5413	54.527	ug/l #	92
12) 1,1-Dichloroethene	3.899	96	14924	11.197	ug/l	93
13) Acrolein	3.753	56	8944	58.802	ug/l	100
14) Allyl chloride	4.503	41	21662	10.753	ug/l	96
15) Acrylonitrile	5.198	53	18276	56.147	ug/l	98
16) Acetone	3.966	43	26873	54.898	ug/l	99
17) Carbon Disulfide	4.222	76	44696	11.127	ug/l	98
18) Methyl Acetate	4.503	43	14113	10.847	ug/l	96
19) Methyl tert-butyl Ether	5.247	73	35409	10.887	ug/l	98
20) Methylene Chloride	4.747	84	21500	10.440	ug/l	99
21) trans-1,2-Dichloroethene	5.253	96	17474	11.335	ug/l	96
22) Diisopropyl ether	6.149	45	48799	10.974	ug/l	98
23) Vinyl Acetate	6.088	43	117341	54.399	ug/l	99
24) 1,1-Dichloroethane	6.045	63	30293	11.169	ug/l	96
25) 2-Butanone	7.015	43	30685	55.248	ug/l	99
26) 2,2-Dichloropropane	7.009	77	25010	10.796	ug/l	100
27) cis-1,2-Dichloroethene	7.009	96	18667	10.927	ug/l	99
28) Bromochloromethane	7.356	49	11464	10.617	ug/l	100
29) Tetrahydrofuran	7.374	42	14030	54.554	ug/l	98
30) Chloroform	7.533	83	30955	11.208	ug/l	100
31) Cyclohexane	7.813	56	28653	10.232	ug/l #	92
32) 1,1,1-Trichloroethane	7.722	97	26384	11.141	ug/l	99
36) 1,1-Dichloropropene	7.941	75	23870	10.669	ug/l	99
37) Ethyl Acetate	7.100	43	10110	10.509	ug/l	98
38) Carbon Tetrachloride	7.923	117	23604	10.766	ug/l	95
39) Methylcyclohexane	9.203	83	27568	10.245	ug/l	96
40) Benzene	8.185	78	69169	10.646	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	5862	11.394	ug/l	96
42) 1,2-Dichloroethane	8.258	62	18619	11.053	ug/l	99
43) Isopropyl Acetate	8.289	43	18902	10.525	ug/l	99
44) Trichloroethene	8.959	130	18132	10.881	ug/l	98
45) 1,2-Dichloropropane	9.234	63	17502	10.975	ug/l	96
46) Dibromomethane	9.325	93	9009	10.637	ug/l	97
47) Bromodichloromethane	9.514	83	22924	10.639	ug/l	99
48) Methyl methacrylate	9.313	41	10081	10.110	ug/l	99
49) 1,4-Dioxane	9.313	88	1659	199.166	ug/l	91
51) 4-Methyl-2-Pentanone	10.087	43	49271	51.575	ug/l	99
52) Toluene	10.258	92	41935	10.663	ug/l	98
53) t-1,3-Dichloropropene	10.477	75	19842	10.081	ug/l	97
54) cis-1,3-Dichloropropene	9.947	75	25873	10.688	ug/l	96
55) 1,1,2-Trichloroethane	10.660	97	12578	10.626	ug/l	98
56) Ethyl methacrylate	10.526	69	9962	9.624	ug/l	93
57) 1,3-Dichloropropane	10.807	76	21198	10.592	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	34447	47.941	ug/l	99
59) 2-Hexanone	10.849	43	39895	54.739	ug/l	99
60) Dibromochloromethane	11.002	129	14374	10.452	ug/l	98
61) 1,2-Dibromoethane	11.105	107	11414	10.615	ug/l	99
64) Tetrachloroethene	10.733	164	14485	10.853	ug/l	96
65) Chlorobenzene	11.526	112	43298	10.670	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	15408	10.395	ug/l	97
67) Ethyl Benzene	11.605	91	76445	10.363	ug/l	99
68) m/p-Xylenes	11.715	106	57547	20.763	ug/l	99
69) o-Xylene	12.044	106	25738	10.223	ug/l	99
70) Styrene	12.056	104	36216	9.909	ug/l	98
71) Bromoform	12.221	173	7529	10.130	ug/l #	96
73) Isopropylbenzene	12.343	105	70566	10.593	ug/l	100
74) N-amyl acetate	12.154	43	13883	10.339	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.593	83	14065	11.073	ug/l	97
76) 1,2,3-Trichloropropane	12.642	75	9530m	6.221	ug/l	
77) Bromobenzene	12.617	156	15415	10.694	ug/l	99
78) n-propylbenzene	12.684	91	85176	10.631	ug/l	100
79) 2-Chlorotoluene	12.770	91	46952	10.679	ug/l	100
80) 1,3,5-Trimethylbenzene	12.825	105	56112	10.643	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.392	75	4074	10.723	ug/l	99
82) 4-Chlorotoluene	12.867	91	49188	10.794	ug/l	99
83) tert-Butylbenzene	13.087	119	48124	10.553	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	55415	10.575	ug/l	99
85) sec-Butylbenzene	13.264	105	71982	10.660	ug/l	100
86) p-Isopropyltoluene	13.379	119	58057	10.322	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	30405	10.684	ug/l	100
88) 1,4-Dichlorobenzene	13.459	146	29969	10.703	ug/l	96
89) n-Butylbenzene	13.709	91	57138	10.532	ug/l	98
90) Hexachloroethane	13.971	117	13042	11.125	ug/l	96
91) 1,2-Dichlorobenzene	13.751	146	26548	10.924	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	1841	11.348	ug/l	92
93) 1,2,4-Trichlorobenzene	15.019	180	13038	10.266	ug/l	95
94) Hexachlorobutadiene	15.123	225	8451	11.057	ug/l	95
95) Naphthalene	15.245	128	20750	9.251	ug/l	98
96) 1,2,3-Trichlorobenzene	15.434	180	11097	10.503	ug/l	99

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

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