

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052224\
 Data File : VY018347.D
 Acq On : 22 May 2024 14:16
 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 23 01:20:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:01:50 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/23/2024
 Supervised By :Semsettin Yesilyurt 05/23/2024

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

Internal Standards						
1) Pentafluorobenzene	7.782	168	155923	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	256723	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	218203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	96595	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	140976	95.432	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 190.860%#			
35) Dibromofluoromethane	7.709	113	154074	102.916	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 205.840%#			
50) Toluene-d8	10.172	98	599137	102.648	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 205.300%#			
62) 4-Bromofluorobenzene	12.477	95	181121	100.425	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 200.860%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.899	85	118478	89.026	ug/l	98
3) Chloromethane	2.107	50	187546	86.717	ug/l	98
4) Vinyl Chloride	2.241	62	224057	92.605	ug/l	99
5) Bromomethane	2.637	94	152053	87.901	ug/l	98
6) Chloroethane	2.783	64	143145	91.143	ug/l	100
7) Trichlorofluoromethane	3.113	101	252115	92.852	ug/l	95
8) Diethyl Ether	3.515	74	79524	91.725	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.881	101	153109	91.404	ug/l	95
10) Methyl Iodide	4.076	142	165908	98.485	ug/l	98
11) Tert butyl alcohol	4.935	59	58073	465.254	ug/l #	81
12) 1,1-Dichloroethene	3.856	96	154823	93.844	ug/l	94
13) Acrolein	3.716	56	55962	471.867	ug/l	97
14) Allyl chloride	4.466	41	221946	96.324	ug/l	96
15) Acrylonitrile	5.149	53	168333	448.892	ug/l	100
16) Acetone	3.936	43	142968	470.548	ug/l	93
17) Carbon Disulfide	4.179	76	480135	104.217	ug/l	99
18) Methyl Acetate	4.460	43	72075	89.498	ug/l	95
19) Methyl tert-butyl Ether	5.204	73	345757	87.401	ug/l	99
20) Methylene Chloride	4.704	84	162612	97.555	ug/l	95
21) trans-1,2-Dichloroethene	5.210	96	163022	93.669	ug/l	95
22) Diisopropyl ether	6.106	45	409231	85.466	ug/l	95
23) Vinyl Acetate	6.045	43	1334271	435.186	ug/l	98
24) 1,1-Dichloroethane	6.002	63	271983	92.623	ug/l	98
25) 2-Butanone	6.972	43	200224	415.850	ug/l	94
26) 2,2-Dichloropropane	6.972	77	223789	88.160	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	184041	89.990	ug/l	100
28) Bromochloromethane	7.325	49	93200	93.450	ug/l	96
29) Tetrahydrofuran	7.331	42	126751	399.953	ug/l	92
30) Chloroform	7.502	83	262895	87.835	ug/l	99
31) Cyclohexane	7.776	56	237092	93.300	ug/l	95
32) 1,1,1-Trichloroethane	7.691	97	240295	91.469	ug/l	98
36) 1,1-Dichloropropene	7.910	75	202932	93.470	ug/l	99
37) Ethyl Acetate	7.063	43	88431	85.145	ug/l	97
38) Carbon Tetrachloride	7.892	117	216982	97.577	ug/l	97
39) Methylcyclohexane	9.179	83	284681	93.996	ug/l	97
40) Benzene	8.154	78	617051	93.231	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	50828m	88.510	ug/l	
42) 1,2-Dichloroethane	8.227	62	146405	91.961	ug/l	100
43) Isopropyl Acetate	8.264	43	180067	88.859	ug/l	92
44) Trichloroethene	8.935	130	165273	97.421	ug/l	100
45) 1,2-Dichloropropane	9.209	63	133917	89.963	ug/l	99
46) Dibromomethane	9.300	93	78754	90.162	ug/l	99
47) Bromodichloromethane	9.489	83	195411	92.183	ug/l	99
48) Methyl methacrylate	9.288	41	80646	87.980	ug/l	91
49) 1,4-Dioxane	9.294	88	20643	1821.513	ug/l #	98
51) 4-Methyl-2-Pentanone	10.063	43	453473	443.401	ug/l	93
52) Toluene	10.239	92	390667	94.162	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	186364	96.160	ug/l	96
54) cis-1,3-Dichloropropene	9.922	75	223902	94.284	ug/l #	92
55) 1,1,2-Trichloroethane	10.642	97	104915	90.663	ug/l	97
56) Ethyl methacrylate	10.508	69	148577	93.605	ug/l #	86
57) 1,3-Dichloropropane	10.782	76	176616	90.047	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	313418	436.990	ug/l	98
59) 2-Hexanone	10.825	43	314009	446.211	ug/l	91
60) Dibromochloromethane	10.977	129	136648	97.764	ug/l	100
61) 1,2-Dibromoethane	11.087	107	100947	94.542	ug/l	99
64) Tetrachloroethene	10.715	164	150388	97.158	ug/l	99
65) Chlorobenzene	11.513	112	423819	94.026	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	139465	97.804	ug/l	100
67) Ethyl Benzene	11.587	91	754200	95.277	ug/l	98
68) m/p-Xylenes	11.696	106	583184	191.474	ug/l	99
69) o-Xylene	12.026	106	273606	95.189	ug/l	99
70) Styrene	12.038	104	460785	96.980	ug/l	99
71) Bromoform	12.202	173	77070	102.183	ug/l #	98
73) Isopropylbenzene	12.324	105	705915	92.980	ug/l	99
74) N-amyl acetate	12.141	43	162691	91.848	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.580	83	111809	86.429	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	75742m	84.338	ug/l	
77) Bromobenzene	12.605	156	161106	96.886	ug/l	96
78) n-propylbenzene	12.666	91	836326	91.999	ug/l	98
79) 2-Chlorotoluene	12.751	91	449894	91.412	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	556371	93.256	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	37640	89.204	ug/l	95
82) 4-Chlorotoluene	12.849	91	456017	91.385	ug/l	98
83) tert-Butylbenzene	13.074	119	521402	94.545	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	555215	94.626	ug/l	100
85) sec-Butylbenzene	13.251	105	750266	91.987	ug/l	99
86) p-Isopropyltoluene	13.367	119	616693	92.438	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	310419	94.803	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	299109	91.780	ug/l	99
89) n-Butylbenzene	13.696	91	570631	91.018	ug/l	99
90) Hexachloroethane	13.958	117	118662	96.317	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	266388	93.758	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.354	75	16068	90.557	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	158275	97.798	ug/l	98
94) Hexachlorobutadiene	15.110	225	82955	100.163	ug/l	98
95) Naphthalene	15.232	128	310925	97.701	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	134929	98.064	ug/l	99

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

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