

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021424\
 Data File : VY017376.D
 Acq On : 14 Feb 2024 11:48
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/15/2024
 Supervised By :Semsettin Yesilyurt 02/15/2024

Quant Time: Feb 15 02:18:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 01:05:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	121239	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	201221	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	173660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	78802	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	59838	46.512	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.020%		
35) Dibromofluoromethane	7.734	113	60602	47.238	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.480%		
50) Toluene-d8	10.197	98	239485	48.176	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	96.360%		
62) 4-Bromofluorobenzene	12.495	95	74166	48.668	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	97.340%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	54036	52.328	ug/l	98
3) Chloromethane	2.119	50	94213	48.221	ug/l	96
4) Vinyl Chloride	2.259	62	113328	48.609	ug/l	99
5) Bromomethane	2.662	94	75104	45.382	ug/l	99
6) Chloroethane	2.802	64	71508	48.134	ug/l	100
7) Trichlorofluoromethane	3.137	101	112044	47.832	ug/l	99
8) Diethyl Ether	3.540	74	33408	49.395	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.912	101	67070	47.592	ug/l	99
10) Methyl Iodide	4.101	142	74880	54.057	ug/l	97
11) Tert butyl alcohol	4.972	59	20090	270.266	ug/l	98
12) 1,1-Dichloroethene	3.887	96	63989	49.230	ug/l	99
13) Acrolein	3.741	56	34082	245.151	ug/l	98
14) Allyl chloride	4.497	41	94513	49.175	ug/l	99
15) Acrylonitrile	5.180	53	75151	258.288	ug/l	100
16) Acetone	3.960	43	75208	245.377	ug/l	97
17) Carbon Disulfide	4.210	76	201794	48.667	ug/l	98
18) Methyl Acetate	4.491	43	65266	54.616	ug/l	99
19) Methyl tert-butyl Ether	5.241	73	148445	51.376	ug/l	99
20) Methylene Chloride	4.735	84	70841	50.513	ug/l	99
21) trans-1,2-Dichloroethene	5.241	96	73165	49.271	ug/l	99
22) Diisopropyl ether	6.137	45	208375	50.591	ug/l	96
23) Vinyl Acetate	6.076	43	495317	233.052	ug/l	99
24) 1,1-Dichloroethane	6.039	63	123981	48.245	ug/l	99
25) 2-Butanone	7.002	43	101959	242.322	ug/l	99
26) 2,2-Dichloropropane	6.996	77	105542	47.951	ug/l	100
27) cis-1,2-Dichloroethene	7.002	96	79216	49.548	ug/l	100
28) Bromochloromethane	7.356	49	51610	52.782	ug/l	98
29) Tetrahydrofuran	7.362	42	62389	267.378	ug/l	99
30) Chloroform	7.521	83	124254	48.490	ug/l	97
31) Cyclohexane	7.801	56	113909	46.510	ug/l	98
32) 1,1,1-Trichloroethane	7.722	97	108588	47.760	ug/l	99
36) 1,1-Dichloropropene	7.935	75	102383	48.741	ug/l	100
37) Ethyl Acetate	7.094	43	42936	50.278	ug/l	99
38) Carbon Tetrachloride	7.917	117	97929	48.585	ug/l	98
39) Methylcyclohexane	9.197	83	125798	50.018	ug/l	99
40) Benzene	8.179	78	290945	49.437	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	22286	51.202	ug/l	91
42) 1,2-Dichloroethane	8.252	62	74366	49.650	ug/l	100
43) Isopropyl Acetate	8.289	43	79921	52.245	ug/l	99
44) Trichloroethene	8.953	130	75743	49.806	ug/l	94
45) 1,2-Dichloropropane	9.228	63	70949	50.092	ug/l	97
46) Dibromomethane	9.319	93	37259	50.695	ug/l	99
47) Bromodichloromethane	9.508	83	93034	49.216	ug/l	98
48) Methyl methacrylate	9.307	41	45931	56.949	ug/l	99
49) 1,4-Dioxane	9.307	88	7921	1045.939	ug/l	96
51) 4-Methyl-2-Pentanone	10.081	43	220265	265.009	ug/l	100
52) Toluene	10.258	92	180908	50.584	ug/l	99
53) t-1,3-Dichloropropene	10.477	75	89660	51.197	ug/l	98
54) cis-1,3-Dichloropropene	9.941	75	107687	50.232	ug/l	98
55) 1,1,2-Trichloroethane	10.660	97	51255	50.851	ug/l	98
56) Ethyl methacrylate	10.520	69	48182	46.898	ug/l	99
57) 1,3-Dichloropropane	10.801	76	88876	51.195	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	185979	282.250	ug/l	99
59) 2-Hexanone	10.843	43	157846	264.273	ug/l	99
60) Dibromochloromethane	10.996	129	59858	51.134	ug/l	99
61) 1,2-Dibromoethane	11.099	107	47669	51.569	ug/l	99
64) Tetrachloroethene	10.733	164	61925	48.230	ug/l	95
65) Chlorobenzene	11.532	112	180838	49.117	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	66349	50.100	ug/l	100
67) Ethyl Benzene	11.605	91	342345	50.481	ug/l	99
68) m/p-Xylenes	11.715	106	253958	99.321	ug/l	99
69) o-Xylene	12.044	106	116058	50.174	ug/l	99
70) Styrene	12.056	104	172160	48.513	ug/l	100
71) Bromoform	12.221	173	33195	51.700	ug/l #	98
73) Isopropylbenzene	12.343	105	317053	48.279	ug/l	99
74) N-amyl acetate	12.154	43	66422	51.157	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.593	83	56179	47.735	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	39790m	48.941	ug/l	
77) Bromobenzene	12.623	156	67314	48.674	ug/l	99
78) n-propylbenzene	12.684	91	385067	47.629	ug/l	100
79) 2-Chlorotoluene	12.770	91	207674	47.073	ug/l	100
80) 1,3,5-Trimethylbenzene	12.825	105	253030	49.027	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.392	75	17151	48.222	ug/l	98
82) 4-Chlorotoluene	12.867	91	216405	47.648	ug/l	100
83) tert-Butylbenzene	13.087	119	217340	48.220	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	249101	48.894	ug/l	98
85) sec-Butylbenzene	13.264	105	325025	47.260	ug/l	99
86) p-Isopropyltoluene	13.379	119	273667	49.174	ug/l	100
87) 1,3-Dichlorobenzene	13.379	146	131839	47.102	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	126996	46.643	ug/l	100
89) n-Butylbenzene	13.709	91	263429	48.731	ug/l	99
90) Hexachloroethane	13.971	117	54474	47.223	ug/l	99
91) 1,2-Dichlorobenzene	13.751	146	110993	48.118	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	7111	48.653	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	57534	49.992	ug/l	100
94) Hexachlorobutadiene	15.123	225	33702	47.446	ug/l	98
95) Naphthalene	15.245	128	106829	53.342	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	48440	50.170	ug/l	99

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

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