

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082924\
 Data File : VY019373.D
 Acq On : 29 Aug 2024 15:40
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/30/2024
 Supervised By :Semsettin Yesilyurt 08/30/2024

Quant Time: Aug 30 02:10:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 01:58:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	130061	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	198856	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	171963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	67717	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	62166	50.463	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.920%			
35) Dibromofluoromethane	7.628	113	64487	51.293	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.580%			
50) Toluene-d8	10.103	98	244019	52.725	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 105.460%			
62) 4-Bromofluorobenzene	12.402	95	68938	46.053	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 92.100%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	49392	46.606	ug/l	99
3) Chloromethane	2.068	50	79310	46.000	ug/l	99
4) Vinyl Chloride	2.196	62	94586	47.814	ug/l	99
5) Bromomethane	2.586	94	62438	49.102	ug/l	97
6) Chloroethane	2.726	64	52317	43.424	ug/l	97
7) Trichlorofluoromethane	3.043	101	129369	55.247	ug/l	98
8) Diethyl Ether	3.446	74	27213	49.206	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.806	101	65673	49.403	ug/l	97
10) Methyl Iodide	3.995	142	69889	53.936	ug/l	92
11) Tert butyl alcohol	4.836	59	16612	239.262	ug/l #	77
12) 1,1-Dichloroethene	3.781	96	60074	49.552	ug/l	99
13) Acrolein	3.635	56	19287	238.202	ug/l	100
14) Allyl chloride	4.373	41	84187	50.297	ug/l	91
15) Acrylonitrile	5.043	53	55179	244.226	ug/l	98
16) Acetone	3.854	43	62974	259.898	ug/l #	84
17) Carbon Disulfide	4.092	76	175905	50.259	ug/l	99
18) Methyl Acetate	4.373	43	24639	46.061	ug/l	95
19) Methyl tert-butyl Ether	5.098	73	135121	48.887	ug/l	94
20) Methylene Chloride	4.598	84	69388	51.818	ug/l	97
21) trans-1,2-Dichloroethene	5.098	96	67097	48.592	ug/l	96
22) Diisopropyl ether	6.006	45	184367	48.960	ug/l	95
23) Vinyl Acetate	5.945	43	513805	245.145	ug/l	95
24) 1,1-Dichloroethane	5.903	63	111115	48.827	ug/l	98
25) 2-Butanone	6.878	43	84114	259.528	ug/l	92
26) 2,2-Dichloropropane	6.872	77	99218	50.055	ug/l	96
27) cis-1,2-Dichloroethene	6.878	96	76867	48.618	ug/l	96
28) Bromochloromethane	7.232	49	40988	43.838	ug/l	94
29) Tetrahydrofuran	7.244	42	47231	242.538	ug/l	93
30) Chloroform	7.409	83	123749	48.576	ug/l	100
31) Cyclohexane	7.689	56	99511	47.501	ug/l	98
32) 1,1,1-Trichloroethane	7.604	97	117963	49.896	ug/l	96
36) 1,1-Dichloropropene	7.829	75	90560	50.971	ug/l	99
37) Ethyl Acetate	6.970	43	34689	49.325	ug/l	96
38) Carbon Tetrachloride	7.811	117	111019	51.268	ug/l	98
39) Methylcyclohexane	9.103	83	119688	52.533	ug/l	97
40) Benzene	8.073	78	266978	49.376	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	23246m	52.371	ug/l	
42) 1,2-Dichloroethane	8.146	62	69118	48.168	ug/l	95
43) Isopropyl Acetate	8.189	43	67561	49.225	ug/l #	81
44) Trichloroethene	8.860	130	75300	50.705	ug/l	96
45) 1,2-Dichloropropane	9.134	63	57324	48.916	ug/l	100
46) Dibromomethane	9.225	93	33675	47.771	ug/l	99
47) Bromodichloromethane	9.420	83	91956	49.394	ug/l	95
48) Methyl methacrylate	9.213	41	33039	50.916	ug/l	84
49) 1,4-Dioxane	9.219	88	7607	984.975	ug/l #	94
51) 4-Methyl-2-Pentanone	9.993	43	180514	251.167	ug/l	92
52) Toluene	10.170	92	179799	50.723	ug/l	95
53) t-1,3-Dichloropropene	10.390	75	79216	51.517	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	89861	49.354	ug/l #	89
55) 1,1,2-Trichloroethane	10.567	97	45038	50.086	ug/l	95
56) Ethyl methacrylate	10.438	69	59098	50.591	ug/l #	82
57) 1,3-Dichloropropane	10.713	76	72240	49.178	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	128014	244.441	ug/l	95
59) 2-Hexanone	10.756	43	127793	268.137	ug/l	88
60) Dibromochloromethane	10.908	129	61602	50.248	ug/l	99
61) 1,2-Dibromoethane	11.012	107	40603	49.013	ug/l	100
64) Tetrachloroethene	10.646	164	81763	48.681	ug/l	98
65) Chlorobenzene	11.438	112	190260	49.453	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	65745	49.281	ug/l	98
67) Ethyl Benzene	11.518	91	348347	51.788	ug/l	96
68) m/p-Xylenes	11.627	106	279797	105.133	ug/l	99
69) o-Xylene	11.950	106	129210	52.124	ug/l	99
70) Styrene	11.969	104	220177	54.281	ug/l	98
71) Bromoform	12.127	173	34597	48.789	ug/l #	99
73) Isopropylbenzene	12.255	105	309639	57.345	ug/l	99
74) N-amyl acetate	12.066	43	65770	63.345	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.505	83	41089	51.202	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	27920m	46.808	ug/l	
77) Bromobenzene	12.530	156	65707	51.648	ug/l	93
78) n-propylbenzene	12.597	91	351059	53.810	ug/l	99
79) 2-Chlorotoluene	12.676	91	186339	51.267	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	214301	50.373	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	12852	53.468	ug/l	91
82) 4-Chlorotoluene	12.773	91	179005	48.684	ug/l	98
83) tert-Butylbenzene	12.993	119	205212	52.740	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	214151	52.431	ug/l	100
85) sec-Butylbenzene	13.176	105	303306	53.188	ug/l	99
86) p-Isopropyltoluene	13.292	119	248180	53.428	ug/l	97
87) 1,3-Dichlorobenzene	13.286	146	121537	51.931	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	116168	49.748	ug/l	99
89) n-Butylbenzene	13.615	91	220481	51.659	ug/l	99
90) Hexachloroethane	13.877	117	48095	51.075	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	102070	49.413	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	4870	43.623	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	65066	61.306	ug/l	99
94) Hexachlorobutadiene	15.023	225	41599	54.149	ug/l	98
95) Naphthalene	15.145	128	105161	60.513	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	54386	59.892	ug/l	99

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

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