

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050924\
 Data File : VY018223.D
 Acq On : 09 May 2024 20:28
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/10/2024
 Supervised By :Semsettin Yesilyurt 05/10/2024

Quant Time: May 10 01:24:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	171907	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	311362	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	273618	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	124478	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	85413	67.538	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 135.080%			
35) Dibromofluoromethane	7.710	113	96847	59.185	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 118.360%			
50) Toluene-d8	10.179	98	364781	56.571	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 113.140%			
62) 4-Bromofluorobenzene	12.477	95	117128	56.247	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 112.500%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	68072	49.932	ug/l	99
3) Chloromethane	2.107	50	106335	58.268	ug/l	98
4) Vinyl Chloride	2.247	62	124011	56.057	ug/l	100
5) Bromomethane	2.643	94	86650	56.399	ug/l	98
6) Chloroethane	2.784	64	81958	58.375	ug/l	97
7) Trichlorofluoromethane	3.119	101	134087	51.746	ug/l	95
8) Diethyl Ether	3.521	74	51611	60.503	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.887	101	86377	52.304	ug/l	98
10) Methyl Iodide	4.082	142	108374	56.197	ug/l	99
11) Tert butyl alcohol	4.942	59	43362	397.073	ug/l #	84
12) 1,1-Dichloroethene	3.863	96	90137	54.218	ug/l	94
13) Acrolein	3.723	56	27180	219.375	ug/l	100
14) Allyl chloride	4.472	41	123495	58.391	ug/l	96
15) Acrylonitrile	5.155	53	113155	344.939	ug/l	99
16) Acetone	3.936	43	73702	292.032	ug/l	100
17) Carbon Disulfide	4.186	76	256286	56.626	ug/l	99
18) Methyl Acetate	4.466	43	50095	69.681	ug/l	99
19) Methyl tert-butyl Ether	5.210	73	231758	62.581	ug/l	100
20) Methylene Chloride	4.710	84	111203	62.339	ug/l	99
21) trans-1,2-Dichloroethene	5.210	96	99444	56.429	ug/l	90
22) Diisopropyl ether	6.112	45	266878	59.485	ug/l	97
23) Vinyl Acetate	6.051	43	853734	313.081	ug/l	99
24) 1,1-Dichloroethane	6.009	63	162064	58.649	ug/l	98
25) 2-Butanone	6.978	43	131155	325.105	ug/l	98
26) 2,2-Dichloropropane	6.972	77	126159	50.444	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	121398	58.291	ug/l	96
28) Bromochloromethane	7.332	49	67540	61.151	ug/l	99
29) Tetrahydrofuran	7.344	42	90048	338.151	ug/l	97
30) Chloroform	7.502	83	167955	58.221	ug/l	100
31) Cyclohexane	7.783	56	131941	53.793	ug/l	97
32) 1,1,1-Trichloroethane	7.697	97	141809	54.845	ug/l	97
36) 1,1-Dichloropropene	7.917	75	118044	50.321	ug/l	99
37) Ethyl Acetate	7.070	43	60496	61.272	ug/l	98
38) Carbon Tetrachloride	7.899	117	123102	48.027	ug/l	98
39) Methylcyclohexane	9.179	83	160139	47.319	ug/l	99
40) Benzene	8.155	78	399640	52.963	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	32819m	57.563	ug/l	
42) 1,2-Dichloroethane	8.234	62	92995	56.643	ug/l	98
43) Isopropyl Acetate	8.271	43	119855	59.223	ug/l	95
44) Trichloroethene	8.935	130	101922	49.619	ug/l	99
45) 1,2-Dichloropropane	9.209	63	88339	53.550	ug/l	99
46) Dibromomethane	9.301	93	52962	55.846	ug/l	99
47) Bromodichloromethane	9.496	83	128595	54.849	ug/l	98
48) Methyl methacrylate	9.289	41	53211	57.369	ug/l	91
49) 1,4-Dioxane	9.289	88	14592	1159.170	ug/l #	97
51) 4-Methyl-2-Pentanone	10.069	43	314292	308.989	ug/l	95
52) Toluene	10.240	92	250670	51.603	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	118313	54.026	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	142354	53.179	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	74599	57.261	ug/l	98
56) Ethyl methacrylate	10.508	69	102199	57.761	ug/l #	90
57) 1,3-Dichloropropane	10.788	76	120080	56.633	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	229577	271.729	ug/l	97
59) 2-Hexanone	10.831	43	213782	300.590	ug/l	94
60) Dibromochloromethane	10.983	129	93132	55.099	ug/l	100
61) 1,2-Dibromoethane	11.087	107	69118	56.327	ug/l	98
64) Tetrachloroethene	10.715	164	89106	48.912	ug/l	98
65) Chlorobenzene	11.514	112	280978	50.420	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	90657	50.293	ug/l	99
67) Ethyl Benzene	11.593	91	467507	49.686	ug/l	96
68) m/p-Xylenes	11.703	106	368687	99.086	ug/l	96
69) o-Xylene	12.026	106	178442	49.973	ug/l	95
70) Styrene	12.044	104	301509	50.561	ug/l	98
71) Bromoform	12.209	173	52793	52.932	ug/l #	98
73) Isopropylbenzene	12.331	105	442787	47.444	ug/l	98
74) N-amyl acetate	12.142	43	108715	56.114	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	81220	54.554	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	55769m	55.972	ug/l	
77) Bromobenzene	12.605	156	108276	50.501	ug/l	93
78) n-propylbenzene	12.672	91	515556	47.493	ug/l	97
79) 2-Chlorotoluene	12.758	91	289540	47.998	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	349603	47.505	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	27237	52.668	ug/l	99
82) 4-Chlorotoluene	12.855	91	291570	48.119	ug/l	97
83) tert-Butylbenzene	13.075	119	324450	47.797	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	346719	48.096	ug/l	98
85) sec-Butylbenzene	13.251	105	472812	47.486	ug/l	98
86) p-Isopropyltoluene	13.367	119	386541	47.190	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	202916	49.006	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	200164	49.588	ug/l	99
89) n-Butylbenzene	13.696	91	344922	46.529	ug/l	98
90) Hexachloroethane	13.959	117	76014	47.303	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	179035	50.306	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11065	54.583	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	98654	49.308	ug/l	99
94) Hexachlorobutadiene	15.111	225	51102	46.292	ug/l	100
95) Naphthalene	15.239	128	207065	56.479	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	87573	53.335	ug/l	99

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

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