

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100522\
 Data File : VY010833.D
 Acq On : 05 Oct 2022 20:10
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 06 09:25:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 10/06/2022
 Supervised By :Mahesh Dadoda 10/06/2022

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 Supervised By :Mahesh
 Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	Dadoda
Internal Standards							10/06/2022
1) Pentafluorobenzene	7.783	168	218993	50.000	ug/l	0.00	Supervised By :Mahesh Dadoda
34) 1,4-Difluorobenzene	8.685	114	350584	50.000	ug/l	0.00	
63) Chlorobenzene-d5	11.490	117	321158	50.000	ug/l	0.00	
72) 1,4-Dichlorobenzene-d4	13.422	152	161072	50.000	ug/l	0.00	
System Monitoring Compounds							10/06/2022
33) 1,2-Dichloroethane-d4	8.137	65	116898	52.662	ug/l	0.00	
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.320%	
35) Dibromofluoromethane	7.710	113	111595	47.952	ug/l	0.00	
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.900%	
50) Toluene-d8	10.179	98	436999	54.908	ug/l	0.00	
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.820%	
62) 4-Bromofluorobenzene	12.477	95	146701	46.956	ug/l	0.00	
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.920%	
Target Compounds						Qvalue	
2) Dichlorodifluoromethane	1.900	85	76238	50.251	ug/l	99	
3) Chloromethane	2.113	50	130778	51.825	ug/l	96	
4) Vinyl Chloride	2.247	62	148671	48.928	ug/l	100	
5) Bromomethane	2.644	94	100120	46.436	ug/l	98	
6) Chloroethane	2.790	64	101122	49.937	ug/l	99	
7) Trichlorofluoromethane	3.119	101	190311	51.430	ug/l	95	
8) Diethyl Ether	3.528	74	65828	55.297	ug/l	87	
9) 1,1,2-Trichlorotrifluo...	3.893	101	112296	52.932	ug/l	93	
10) Methyl Iodide	4.082	142	141549	49.912	ug/l	93	
11) Tert butyl alcohol	4.948	59	51727	269.793	ug/l #	95	
12) 1,1-Dichloroethene	3.869	96	107270	51.810	ug/l	89	
13) Acrolein	3.723	56	30178	193.942	ug/l	99	
14) Allyl chloride	4.473	41	175506	56.627	ug/l #	92	
15) Acrylonitrile	5.155	53	170623	294.203	ug/l	99	
16) Acetone	3.942	43	132670	235.329	ug/l #	87	
17) Carbon Disulfide	4.186	76	355205	53.087	ug/l	99	
18) Methyl Acetate	4.473	43	83631	58.073	ug/l	92	
19) Methyl tert-butyl Ether	5.216	73	297718	54.930	ug/l	98	
20) Methylene Chloride	4.710	84	140267	57.564	ug/l	88	
21) trans-1,2-Dichloroethene	5.210	96	127298	52.653	ug/l	91	
22) Diisopropyl ether	6.112	45	390394	57.433	ug/l	94	
23) Vinyl Acetate	6.058	43	1203399	292.270	ug/l #	94	
24) 1,1-Dichloroethane	6.015	63	228999	55.322	ug/l	99	
25) 2-Butanone	6.978	43	216106	266.626	ug/l #	88	
26) 2,2-Dichloropropane	6.978	77	189553	48.243	ug/l	95	
27) cis-1,2-Dichloroethene	6.984	96	146470	54.590	ug/l	91	
28) Bromochloromethane	7.332	49	94772	60.722	ug/l	93	
29) Tetrahydrofuran	7.344	42	142185	298.312	ug/l #	88	
30) Chloroform	7.503	83	235171	55.051	ug/l	98	
31) Cyclohexane	7.783	56	202364	50.931	ug/l	91	
32) 1,1,1-Trichloroethane	7.698	97	203664	52.923	ug/l	97	
36) 1,1-Dichloropropene	7.917	75	180002	53.579	ug/l	98	
37) Ethyl Acetate	7.070	43	95641	58.013	ug/l #	95	
38) Carbon Tetrachloride	7.899	117	185011	52.873	ug/l	97	
39) Methylcyclohexane	9.179	83	219620	53.220	ug/l	93	
40) Benzene	8.155	78	529185	54.681	ug/l	97	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	46678m	48.425	ug/l	
42) 1,2-Dichloroethane	8.234	62	150298	54.934	ug/l	93
43) Isopropyl Acetate	8.271	43	167488	56.132	ug/l #	90
44) Trichloroethene	8.935	130	138270	52.767	ug/l	97
45) 1,2-Dichloropropane	9.216	63	132705	56.881	ug/l	96
46) Dibromomethane	9.301	93	75390	56.494	ug/l	94
47) Bromodichloromethane	9.496	83	181555	56.375	ug/l	98
48) Methyl methacrylate	9.289	41	82394	58.792	ug/l #	85
49) 1,4-Dioxane	9.295	88	19238	1171.104	ug/l #	89
51) 4-Methyl-2-Pentanone	10.069	43	487704	298.753	ug/l	90
52) Toluene	10.240	92	334749	54.350	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	184215	55.249	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	210307	55.080	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	104358	55.733	ug/l	99
56) Ethyl methacrylate	10.508	69	140260	58.299	ug/l #	81
57) 1,3-Dichloropropane	10.788	76	181043	56.868	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	339948	272.240	ug/l	97
59) 2-Hexanone	10.831	43	333672	295.120	ug/l	89
60) Dibromochloromethane	10.984	129	125978	56.113	ug/l	100
61) 1,2-Dibromoethane	11.087	107	99092	55.502	ug/l	100
64) Tetrachloroethene	10.715	164	136981	53.793	ug/l	96
65) Chlorobenzene	11.514	112	355269	53.418	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	131503	54.095	ug/l	97
67) Ethyl Benzene	11.593	91	646507	54.015	ug/l	99
68) m/p-Xylenes	11.697	106	499568	106.650	ug/l	95
69) o-Xylene	12.026	106	234919	53.641	ug/l	95
70) Styrene	12.044	104	403669	54.691	ug/l	96
71) Bromoform	12.203	173	78328	54.131	ug/l #	100
73) Isopropylbenzene	12.325	105	621644	52.498	ug/l	99
74) N-amyl acetate	12.142	43	154223	56.670	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	119955	54.221	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	87072m	53.380	ug/l	
77) Bromobenzene	12.605	156	142648	52.513	ug/l	98
78) n-propylbenzene	12.666	91	760854	52.758	ug/l	100
79) 2-Chlorotoluene	12.752	91	425316	52.715	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	526785	52.598	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	41528	53.182	ug/l	88
82) 4-Chlorotoluene	12.855	91	441959	52.385	ug/l	99
83) tert-Butylbenzene	13.075	119	457152	53.541	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	527500	53.571	ug/l	99
85) sec-Butylbenzene	13.251	105	678491	52.790	ug/l	100
86) p-Isopropyltoluene	13.367	119	574367	53.265	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	287365	52.121	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	285877	52.364	ug/l	99
89) n-Butylbenzene	13.690	91	533907	53.805	ug/l	100
90) Hexachloroethane	13.959	117	108619	52.662	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	258170	53.723	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	19549	54.952	ug/l	84
93) 1,2,4-Trichlorobenzene	15.007	180	153830	54.556	ug/l	98
94) Hexachlorobutadiene	15.111	225	91156	52.433	ug/l	99
95) Naphthalene	15.233	128	319710	59.493	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	135753	56.479	ug/l	98

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

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

