

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010323\
 Data File : VY012060.D
 Acq On : 03 Jan 2023 20:25
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

Quant Time: Jan 04 01:22:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	183925	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	278839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	261394	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	142147	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	91820	49.552	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.100%
35) Dibromofluoromethane	7.716	113	84484	50.327	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.660%
50) Toluene-d8	10.179	98	320003	46.984	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.960%
62) 4-Bromofluorobenzene	12.477	95	116536	50.875	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.760%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	68546	46.888	ug/l	96
3) Chloromethane	2.113	50	63860	39.011	ug/l	100
4) Vinyl Chloride	2.247	62	75610	41.884	ug/l	100
5) Bromomethane	2.650	94	57215	44.549	ug/l	100
6) Chloroethane	2.790	64	52294	44.318	ug/l	98
7) Trichlorofluoromethane	3.125	101	153676	48.629	ug/l	96
8) Diethyl Ether	3.528	74	48581	49.823	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.893	101	82263	47.287	ug/l	96
10) Methyl Iodide	4.088	142	108527	45.090	ug/l	96
11) Tert butyl alcohol	4.948	59	44113	241.760	ug/l	99
12) 1,1-Dichloroethene	3.869	96	78715	45.235	ug/l	97
13) Acrolein	3.723	56	33183	191.569	ug/l	100
14) Allyl chloride	4.479	41	110467	43.108	ug/l	92
15) Acrylonitrile	5.155	53	121271	267.367	ug/l	100
16) Acetone	3.942	43	90736	165.689	ug/l	97
17) Carbon Disulfide	4.192	76	209128	37.675	ug/l	100
18) Methyl Acetate	4.473	43	62139	48.531	ug/l	92
19) Methyl tert-butyl Ether	5.222	73	244938	54.859	ug/l	97
20) Methylene Chloride	4.716	84	107423	50.437	ug/l	91
21) trans-1,2-Dichloroethene	5.216	96	89968	45.502	ug/l	94
22) Diisopropyl ether	6.112	45	244408	48.426	ug/l #	93
23) Vinyl Acetate	6.058	43	740705	255.087	ug/l	94
24) 1,1-Dichloroethane	6.015	63	154910	47.220	ug/l	98
25) 2-Butanone	6.984	43	139833	226.542	ug/l	94
26) 2,2-Dichloropropane	6.978	77	148138	46.146	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	106681	49.885	ug/l	95
28) Bromochloromethane	7.332	49	39931	44.355	ug/l	84
29) Tetrahydrofuran	7.344	42	90901	259.926	ug/l	91
30) Chloroform	7.502	83	178661	50.526	ug/l	99
31) Cyclohexane	7.783	56	126589	40.581	ug/l	94
32) 1,1,1-Trichloroethane	7.698	97	168038	49.963	ug/l	99
36) 1,1-Dichloropropene	7.911	75	124257	46.146	ug/l	98
37) Ethyl Acetate	7.070	43	61685	51.061	ug/l #	95
38) Carbon Tetrachloride	7.899	117	158172	50.862	ug/l	98
39) Methylcyclohexane	9.179	83	149041	46.000	ug/l	96
40) Benzene	8.161	78	368623	47.837	ug/l	100

01/04/2023
 Supervised By :Mahesh
 adoda

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	30601m	52.382	ug/l	01/04/2023
42) 1,2-Dichloroethane	8.234	62	120661	54.392	ug/l	Supervised By :Mahesh
43) Isopropyl Acetate	8.271	43	115604	52.396	ug/l	Dadoda
44) Trichloroethene	8.935	130	105218	48.443	ug/l	96
45) 1,2-Dichloropropane	9.216	63	85360	47.943	ug/l	98
46) Dibromomethane	9.301	93	54426	53.069	ug/l	98
47) Bromodichloromethane	9.496	83	137994	53.037	ug/l	96
48) Methyl methacrylate	9.289	41	53484	52.355	ug/l	01/04/2023
49) 1,4-Dioxane	9.295	88	15153	1237.524	ug/l	89
51) 4-Methyl-2-Pentanone	10.069	43	317509	269.880	ug/l	97
52) Toluene	10.240	92	245706	50.047	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	138603	52.719	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	151908	51.404	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	79324	54.505	ug/l	98
56) Ethyl methacrylate	10.508	69	103961	56.420	ug/l	96
57) 1,3-Dichloropropane	10.788	76	128709	52.995	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	191644	269.532	ug/l	94
59) 2-Hexanone	10.831	43	222260	256.797	ug/l	96
60) Dibromochloromethane	10.984	129	102356	55.830	ug/l	99
61) 1,2-Dibromoethane	11.087	107	74154	54.462	ug/l	99
64) Tetrachloroethene	10.715	164	115950	50.677	ug/l	95
65) Chlorobenzene	11.514	112	267512	49.289	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	104100	51.551	ug/l	98
67) Ethyl Benzene	11.593	91	479021	48.826	ug/l	99
68) m/p-Xylenes	11.703	106	377761	99.008	ug/l	99
69) o-Xylene	12.026	106	179845	50.660	ug/l	100
70) Styrene	12.044	104	310965	52.168	ug/l	99
71) Bromoform	12.203	173	67611	56.504	ug/l #	97
73) Isopropylbenzene	12.325	105	489406	46.397	ug/l	99
74) N-amyl acetate	12.142	43	105118	48.609	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	83795	47.619	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	75980m	42.956	ug/l	
77) Bromobenzene	12.605	156	116815	47.869	ug/l	95
78) n-propylbenzene	12.666	91	573760	45.252	ug/l	99
79) 2-Chlorotoluene	12.752	91	327697	45.979	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	424293	46.982	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	30699	47.529	ug/l	96
82) 4-Chlorotoluene	12.849	91	343922	46.638	ug/l	99
83) tert-Butylbenzene	13.075	119	370757	48.441	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	419364	47.201	ug/l	99
85) sec-Butylbenzene	13.251	105	529851	46.361	ug/l	98
86) p-Isopropyltoluene	13.367	119	460870	47.791	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	232132	47.299	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	231079	47.362	ug/l	99
89) n-Butylbenzene	13.696	91	402768	46.136	ug/l	98
90) Hexachloroethane	13.959	117	85770	46.613	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	209185	48.891	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.349	75	16133	53.348	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	132212	52.530	ug/l	98
94) Hexachlorobutadiene	15.111	225	80997	49.804	ug/l	98
95) Naphthalene	15.233	128	265682	50.709	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	114682	53.893	ug/l	99

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

01/04/2023
 Supervised By :Mahesh
 Dadoda

01/04/2023

