

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033023\
 Data File : VY013148.D
 Acq On : 30 Mar 2023 13:18
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY033023

Quant Time: Mar 31 05:43:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 31 05:07:15 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 03/31/2023
 Supervised By :Mahesh Dadoda 04/03/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	141637	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	214634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	190597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	95237	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	73061	47.999	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.000%		
35) Dibromofluoromethane	7.716	113	69026	49.229	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.460%		
50) Toluene-d8	10.179	98	259199	48.968	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.940%		
62) 4-Bromofluorobenzene	12.483	95	84207	48.873	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.740%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	66823	48.127	ug/l	94
3) Chloromethane	2.119	50	69607	48.073	ug/l	97
4) Vinyl Chloride	2.253	62	70689	48.694	ug/l	98
5) Bromomethane	2.656	94	49595	48.408	ug/l	92
6) Chloroethane	2.796	64	43295	47.610	ug/l	94
7) Trichlorofluoromethane	3.131	101	126514	48.966	ug/l	99
8) Diethyl Ether	3.534	74	41737	51.443	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.905	101	70736	49.658	ug/l	98
10) Methyl Iodide	4.094	142	96357	51.947	ug/l	99
11) Tert butyl alcohol	4.954	59	33132	241.504	ug/l	98
12) 1,1-Dichloroethene	3.875	96	69560	50.515	ug/l	99
13) Acrolein	3.729	56	51392	266.939	ug/l	99
14) Allyl chloride	4.485	41	125816	53.625	ug/l	99
15) Acrylonitrile	5.161	53	104538	259.297	ug/l	100
16) Acetone	3.948	43	131767	283.095	ug/l	99
17) Carbon Disulfide	4.198	76	229086	49.956	ug/l	99
18) Methyl Acetate	4.478	43	76788	52.358	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	185733	53.229	ug/l	99
20) Methylene Chloride	4.716	84	80567	50.159	ug/l	98
21) trans-1,2-Dichloroethene	5.222	96	77412	49.895	ug/l	98
22) Diisopropyl ether	6.118	45	238315	51.990	ug/l	96
23) Vinyl Acetate	6.057	43	699836	268.476	ug/l	100
24) 1,1-Dichloroethane	6.021	63	133951	49.341	ug/l	99
25) 2-Butanone	6.984	43	156435	268.788	ug/l	98
26) 2,2-Dichloropropane	6.978	77	121303	49.677	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	84135	50.336	ug/l	100
28) Bromochloromethane	7.332	49	60678	52.088	ug/l	96
29) Tetrahydrofuran	7.344	42	91944	266.872	ug/l	98
30) Chloroform	7.508	83	135822	48.313	ug/l	100
31) Cyclohexane	7.789	56	122512	49.301	ug/l	92
32) 1,1,1-Trichloroethane	7.703	97	124405	50.050	ug/l	100
36) 1,1-Dichloropropene	7.917	75	107617	50.984	ug/l	99
37) Ethyl Acetate	7.076	43	62852	52.417	ug/l	98
38) Carbon Tetrachloride	7.899	117	115378	49.539	ug/l	99
39) Methylcyclohexane	9.185	83	130608	52.742	ug/l	98
40) Benzene	8.161	78	304152	49.888	ug/l	100

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41) Methacrylonitrile	7.313	41	27358m	51.430	ug/l	
42) 1,2-Dichloroethane	8.240	62	91843	49.170	ug/l	99
43) Isopropyl Acetate	8.270	43	112650	52.485	ug/l	98
44) Trichloroethene	8.941	130	82391	49.092	ug/l	91
45) 1,2-Dichloropropane	9.215	63	76202	49.915	ug/l	97
46) Dibromomethane	9.307	93	43459	49.554	ug/l	96
47) Bromodichloromethane	9.496	83	105447	49.831	ug/l	99
48) Methyl methacrylate	9.295	41	55313	55.335	ug/l	99
49) 1,4-Dioxane	9.295	88	11122	1066.023	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	309087	266.834	ug/l	99
52) Toluene	10.246	92	191987	50.766	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	109787	50.759	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	124981	50.595	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	59975	49.474	ug/l	98
56) Ethyl methacrylate	10.508	69	82690	54.252	ug/l	99
57) 1,3-Dichloropropane	10.794	76	103812	50.727	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	183958	258.121	ug/l	99
59) 2-Hexanone	10.831	43	231736	276.618	ug/l	100
60) Dibromochloromethane	10.983	129	75770	49.764	ug/l	100
61) 1,2-Dibromoethane	11.093	107	58560	49.856	ug/l	100
64) Tetrachloroethene	10.721	164	73014	49.829	ug/l	98
65) Chlorobenzene	11.520	112	202236	49.981	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.593	131	76468	50.410	ug/l	99
67) Ethyl Benzene	11.593	91	361826	51.776	ug/l	99
68) m/p-Xylenes	11.703	106	283337	104.810	ug/l	99
69) o-Xylene	12.032	106	132903	53.002	ug/l	97
70) Styrene	12.044	104	221136	52.720	ug/l	99
71) Bromoform	12.209	173	48411	51.467	ug/l #	96
73) Isopropylbenzene	12.331	105	348972	53.083	ug/l	100
74) N-amyl acetate	12.142	43	99534	55.144	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	70260	51.023	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	59505m	55.618	ug/l	
77) Bromobenzene	12.611	156	84504	51.702	ug/l	95
78) n-propylbenzene	12.672	91	423877	52.440	ug/l	100
79) 2-Chlorotoluene	12.757	91	236199	51.497	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	290570	52.867	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	25412	52.970	ug/l	96
82) 4-Chlorotoluene	12.855	91	243746	51.062	ug/l	100
83) tert-Butylbenzene	13.074	119	249048	52.755	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	284693	52.892	ug/l	100
85) sec-Butylbenzene	13.257	105	375763	52.716	ug/l	100
86) p-Isopropyltoluene	13.373	119	315511	53.768	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	163615	50.499	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	161942	49.880	ug/l	99
89) n-Butylbenzene	13.696	91	290246	52.910	ug/l	99
90) Hexachloroethane	13.965	117	61493	50.304	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	147900	51.114	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	11302	49.323	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	88741	52.591	ug/l	98
94) Hexachlorobutadiene	15.111	225	53536	51.588	ug/l	99
95) Naphthalene	15.239	128	176384	49.392	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	78374	52.718	ug/l	99

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

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