

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100523\
 Data File : VY015844.D
 Acq On : 05 Oct 2023 12:46
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Quant Time: Oct 06 05:18:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 05:15:27 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/06/2023
 Supervised By :Semsettin Yesilyurt 10/06/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	207374	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	341037	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	307163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	153743	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	20151	9.877	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	19.760%#		
35) Dibromofluoromethane	7.716	113	19598	10.082	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	20.160%#		
50) Toluene-d8	10.179	98	61312	9.715	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	19.420%#		
62) 4-Bromofluorobenzene	12.483	95	26301	10.195	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	20.400%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	8852	9.282	ug/l	91
3) Chloromethane	2.107	50	9436	8.903	ug/l	97
4) Vinyl Chloride	2.247	62	12421	9.305	ug/l	100
5) Bromomethane	2.644	94	9803	10.198	ug/l	97
6) Chloroethane	2.784	64	9356	9.813	ug/l	90
7) Trichlorofluoromethane	3.113	101	24385	9.416	ug/l	97
8) Diethyl Ether	3.528	74	10648	9.430	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.887	101	15976	9.464	ug/l	95
10) Methyl Iodide	4.082	142	10889	9.791	ug/l	98
11) Tert butyl alcohol	4.978	59	28165	33.161	ug/l #	95
12) 1,1-Dichloroethene	3.863	96	12211	9.045	ug/l	92
13) Acrolein	3.729	56	7501	47.655	ug/l	99
14) Allyl chloride	4.472	41	22859	8.981	ug/l	94
15) Acrylonitrile	5.167	53	42037	47.727	ug/l	97
16) Acetone	3.960	43	53737	50.838	ug/l	95
17) Carbon Disulfide	4.186	76	14655	9.568	ug/l	98
18) Methyl Acetate	4.479	43	30335	8.818	ug/l	94
19) Methyl tert-butyl Ether	5.222	73	59593	9.339	ug/l	99
20) Methylene Chloride	4.710	84	34932	10.053	ug/l	95
21) trans-1,2-Dichloroethene	5.216	96	14103	9.069	ug/l	87
22) Diisopropyl ether	6.119	45	62664	9.482	ug/l #	96
23) Vinyl Acetate	6.058	43	187585	46.894	ug/l	95
24) 1,1-Dichloroethane	6.009	63	33164	9.450	ug/l	97
25) 2-Butanone	6.990	43	72247	49.689	ug/l	95
26) 2,2-Dichloropropane	6.978	77	32048	9.827	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	21088	9.381	ug/l	96
28) Bromochloromethane	7.332	49	20401	9.940	ug/l	94
29) Tetrahydrofuran	7.350	42	38096	46.957	ug/l	92
30) Chloroform	7.502	83	38156	9.719	ug/l	96
31) Cyclohexane	7.783	56	21773	9.468	ug/l #	70
32) 1,1,1-Trichloroethane	7.698	97	30753	9.582	ug/l	99
36) 1,1-Dichloropropene	7.911	75	21828	9.412	ug/l	99
37) Ethyl Acetate	7.076	43	24930	9.606	ug/l	97
38) Carbon Tetrachloride	7.899	117	26057	9.556	ug/l	99
39) Methylcyclohexane	9.179	83	22652	9.133	ug/l	94
40) Benzene	8.161	78	68684	9.438	ug/l	98

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41) Methacrylonitrile	7.307	41	11162m	9.202	ug/l	
42) 1,2-Dichloroethane	8.240	62	25775	9.837	ug/l	94
43) Isopropyl Acetate	8.277	43	43115	9.652	ug/l	98
44) Trichloroethene	8.941	130	20272	9.518	ug/l	97
45) 1,2-Dichloropropane	9.216	63	20863	9.693	ug/l	99
46) Dibromomethane	9.307	93	13116	9.531	ug/l	97
47) Bromodichloromethane	9.496	83	31073	9.728	ug/l	98
48) Methyl methacrylate	9.295	41	18589	9.528	ug/l	91
49) 1,4-Dioxane	9.319	88	5938	192.631	ug/l #	49
51) 4-Methyl-2-Pentanone	10.069	43	135412	48.457	ug/l	92
52) Toluene	10.246	92	44740	9.396	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	31180	9.303	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	33467	9.406	ug/l #	90
55) 1,1,2-Trichloroethane	10.648	97	21024	9.725	ug/l	94
56) Ethyl methacrylate	10.508	69	28136	8.976	ug/l #	89
57) 1,3-Dichloropropane	10.788	76	33271	9.626	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	82739	45.300	ug/l	95
59) 2-Hexanone	10.831	43	106145	48.950	ug/l	91
60) Dibromochloromethane	10.983	129	24144	9.669	ug/l	98
61) 1,2-Dibromoethane	11.087	107	19545	9.674	ug/l	97
64) Tetrachloroethene	10.721	164	21326	9.878	ug/l	98
65) Chlorobenzene	11.514	112	54578	9.608	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	23330	9.989	ug/l	98
67) Ethyl Benzene	11.593	91	93212	9.587	ug/l	97
68) m/p-Xylenes	11.703	106	71000	19.210	ug/l	95
69) o-Xylene	12.032	106	35215	9.579	ug/l	97
70) Styrene	12.044	104	60840	9.480	ug/l	97
71) Bromoform	12.209	173	16657	9.564	ug/l #	98
73) Isopropylbenzene	12.331	105	96779	9.717	ug/l	100
74) N-amyl acetate	12.142	43	36683	9.532	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	28102	9.552	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	22030m	9.680	ug/l	
77) Bromobenzene	12.611	156	23578	9.570	ug/l	92
78) n-propylbenzene	12.672	91	114449	9.594	ug/l	99
79) 2-Chlorotoluene	12.758	91	66402	9.666	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	80193	9.662	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	9092	9.248	ug/l	94
82) 4-Chlorotoluene	12.855	91	69369	9.648	ug/l	98
83) tert-Butylbenzene	13.075	119	73807	9.728	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	80251	9.624	ug/l	97
85) sec-Butylbenzene	13.251	105	109729	9.858	ug/l	100
86) p-Isopropyltoluene	13.367	119	90163	9.727	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	47907	9.712	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	49105	9.845	ug/l	96
89) n-Butylbenzene	13.696	91	86444	9.801	ug/l	98
90) Hexachloroethane	13.959	117	17631	9.745	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	45498	9.793	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5903	10.000	ug/l	96
93) 1,2,4-Trichlorobenzene	15.001	180	29846	9.870	ug/l	98
94) Hexachlorobutadiene	15.111	225	16169	10.262	ug/l	97
95) Naphthalene	15.233	128	75220	9.329	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	27767	9.801	ug/l	99

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

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