

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100523\
 Data File : VY015851.D
 Acq On : 05 Oct 2023 16:26
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY100523

Quant Time: Oct 06 06:00:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 05:54:04 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	7.783	168	208377	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	342827	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	314929	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	159733	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	96639	47.139	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.280%		
35) Dibromofluoromethane	7.710	113	92289	47.228	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.460%		
50) Toluene-d8	10.179	98	307256	48.429	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	96.860%		
62) 4-Bromofluorobenzene	12.477	95	121555	46.872	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	93.740%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	49930	52.104	ug/l	96
3) Chloromethane	2.107	50	58576	55.003	ug/l	98
4) Vinyl Chloride	2.241	62	70434	52.511	ug/l	98
5) Bromomethane	2.644	94	49831	53.071	ug/l	96
6) Chloroethane	2.778	64	50573	52.787	ug/l	98
7) Trichlorofluoromethane	3.113	101	130756	50.245	ug/l	97
8) Diethyl Ether	3.521	74	57011	50.248	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.887	101	84123	49.594	ug/l	96
10) Methyl Iodide	4.076	142	84246	52.080	ug/l	96
11) Tert butyl alcohol	4.979	59	106897	245.574	ug/l #	83
12) 1,1-Dichloroethene	3.863	96	69913	51.538	ug/l	91
13) Acrolein	3.729	56	38458	243.155	ug/l	98
14) Allyl chloride	4.466	41	129717	50.721	ug/l	93
15) Acrylonitrile	5.155	53	206320	233.118	ug/l	98
16) Acetone	3.954	43	231175	217.653	ug/l	91
17) Carbon Disulfide	4.180	76	118709	53.896	ug/l	98
18) Methyl Acetate	4.473	43	171073	49.489	ug/l	92
19) Methyl tert-butyl Ether	5.210	73	319379	49.811	ug/l	99
20) Methylene Chloride	4.704	84	120386	53.619	ug/l	91
21) trans-1,2-Dichloroethene	5.204	96	82790	52.983	ug/l	94
22) Diisopropyl ether	6.112	45	328150	49.413	ug/l	90
23) Vinyl Acetate	6.051	43	981406	244.160	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	174707	49.541	ug/l	97
25) 2-Butanone	6.984	43	321366	219.962	ug/l	95
26) 2,2-Dichloropropane	6.972	77	160647	49.021	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	113786	50.375	ug/l	94
28) Bromochloromethane	7.326	49	100448	48.706	ug/l	92
29) Tetrahydrofuran	7.344	42	192269	235.849	ug/l	93
30) Chloroform	7.496	83	194182	49.223	ug/l	98
31) Cyclohexane	7.777	56	112984	48.893	ug/l	94
32) 1,1,1-Trichloroethane	7.698	97	159506	49.459	ug/l	98
36) 1,1-Dichloropropene	7.911	75	119544	51.277	ug/l	99
37) Ethyl Acetate	7.070	43	126038	48.311	ug/l	96
38) Carbon Tetrachloride	7.893	117	137965	50.330	ug/l	95
39) Methylcyclohexane	9.179	83	131053	52.562	ug/l	93
40) Benzene	8.155	78	371837	50.829	ug/l	99

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41) Methacrylonitrile	7.301	41	58487	46.828	ug/l	95
42) 1,2-Dichloroethane	8.234	62	130076	49.384	ug/l	94
43) Isopropyl Acetate	8.271	43	213027	47.440	ug/l	96
44) Trichloroethene	8.935	130	106538	49.762	ug/l	100
45) 1,2-Dichloropropane	9.209	63	107843	49.840	ug/l	96
46) Dibromomethane	9.301	93	69392	50.162	ug/l	95
47) Bromodichloromethane	9.490	83	158608	49.395	ug/l	98
48) Methyl methacrylate	9.289	41	93846	47.851	ug/l	88
49) 1,4-Dioxane	9.313	88	29724	959.225	ug/l #	53
51) 4-Methyl-2-Pentanone	10.069	43	662568	235.862	ug/l	92
52) Toluene	10.240	92	246555	51.512	ug/l	94
53) t-1,3-Dichloropropene	10.459	75	168500	50.011	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	181866	50.847	ug/l	90
55) 1,1,2-Trichloroethane	10.642	97	104230	47.960	ug/l	97
56) Ethyl methacrylate	10.508	69	156573	49.689	ug/l #	87
57) 1,3-Dichloropropane	10.788	76	171527	49.369	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	466481	254.067	ug/l	95
59) 2-Hexanone	10.831	43	506958	232.569	ug/l	90
60) Dibromochloromethane	10.984	129	123325	49.130	ug/l	98
61) 1,2-Dibromoethane	11.087	107	100413	49.441	ug/l	100
64) Tetrachloroethene	10.715	164	111392	50.321	ug/l	98
65) Chlorobenzene	11.514	112	287209	49.313	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	117825	49.203	ug/l	98
67) Ethyl Benzene	11.593	91	497118	49.869	ug/l	98
68) m/p-Xylenes	11.703	106	379676	100.195	ug/l	96
69) o-Xylene	12.026	106	188784	50.087	ug/l	97
70) Styrene	12.044	104	331814	50.428	ug/l	96
71) Bromoform	12.209	173	86736	48.575	ug/l #	99
73) Isopropylbenzene	12.331	105	507771	49.073	ug/l	100
74) N-amyl acetate	12.142	43	190153	47.557	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	144539	47.289	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	104149m	44.045	ug/l	
77) Bromobenzene	12.605	156	125629	49.078	ug/l	94
78) n-propylbenzene	12.672	91	614217	49.558	ug/l	99
79) 2-Chlorotoluene	12.758	91	351257	49.214	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	426815	49.495	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.374	75	48753	47.728	ug/l	92
82) 4-Chlorotoluene	12.855	91	366246	49.028	ug/l	100
83) tert-Butylbenzene	13.075	119	386156	48.989	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	427391	49.334	ug/l	99
85) sec-Butylbenzene	13.251	105	566719	49.005	ug/l	100
86) p-Isopropyltoluene	13.367	119	473897	49.208	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	247587	48.308	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	248283	47.913	ug/l	100
89) n-Butylbenzene	13.696	91	449027	49.000	ug/l	97
90) Hexachloroethane	13.959	117	92180	49.038	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	232991	48.270	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	27657	45.094	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	146923	46.767	ug/l	99
94) Hexachlorobutadiene	15.111	225	75681	46.233	ug/l	99
95) Naphthalene	15.233	128	384723	45.926	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	134905	45.831	ug/l	99

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

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