

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100623\
 Data File : VY015874.D
 Acq On : 06 Oct 2023 19:55
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 07 07:32:33 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 10/09/2023
 Supervised By :Semsettin Yesilyurt 10/09/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	201136	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	336391	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	311140	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	160885	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	102001	51.546	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.100%			
35) Dibromofluoromethane	7.716	113	92349	48.163	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.320%			
50) Toluene-d8	10.179	98	313023	50.282	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.560%			
62) 4-Bromofluorobenzene	12.477	95	127424	50.075	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 100.160%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	35824	38.729	ug/l	96
3) Chloromethane	2.107	50	44514	43.304	ug/l	96
4) Vinyl Chloride	2.241	62	53258	41.135	ug/l	99
5) Bromomethane	2.650	94	44020	48.062	ug/l	98
6) Chloroethane	2.784	64	34191	36.972	ug/l	94
7) Trichlorofluoromethane	3.113	101	113068	45.012	ug/l	98
8) Diethyl Ether	3.528	74	47818	43.663	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.887	101	63638	38.868	ug/l	96
10) Methyl Iodide	4.076	142	48806	33.162	ug/l	98
11) Tert butyl alcohol	5.052	59	139216	330.142	ug/l	99
12) 1,1-Dichloroethene	3.857	96	53846	41.123	ug/l	92
13) Acrolein	3.741	56	52222	342.066	ug/l	98
14) Allyl chloride	4.473	41	104432	42.304	ug/l	91
15) Acrylonitrile	5.180	53	236576	276.927	ug/l	97
16) Acetone	3.979	43	208480	203.351	ug/l	93
17) Carbon Disulfide	4.180	76	85578	41.533	ug/l	98
18) Methyl Acetate	4.491	43	218659	65.532	ug/l	93
19) Methyl tert-butyl Ether	5.229	73	263310	42.545	ug/l	98
20) Methylene Chloride	4.710	84	91945	40.782	ug/l	89
21) trans-1,2-Dichloroethene	5.210	96	62345	41.335	ug/l	92
22) Diisopropyl ether	6.125	45	260341	40.614	ug/l	95
23) Vinyl Acetate	6.064	43	791194	203.924	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	133865	39.326	ug/l	96
25) 2-Butanone	7.003	43	360043	255.307	ug/l	97
26) 2,2-Dichloropropane	6.978	77	113533	35.892	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	86965	39.887	ug/l	96
28) Bromochloromethane	7.332	49	93356	46.897	ug/l	94
29) Tetrahydrofuran	7.362	42	249639	317.247	ug/l	92
30) Chloroform	7.509	83	152182	39.965	ug/l	97
31) Cyclohexane	7.783	56	85870	38.498	ug/l	91
32) 1,1,1-Trichloroethane	7.698	97	123186	39.572	ug/l	98
36) 1,1-Dichloropropene	7.917	75	91587	40.037	ug/l	98
37) Ethyl Acetate	7.082	43	158718	62.001	ug/l	99
38) Carbon Tetrachloride	7.899	117	104101	38.703	ug/l	97
39) Methylcyclohexane	9.179	83	98575	40.292	ug/l	95
40) Benzene	8.161	78	291776	40.648	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	59905	48.881	ug/l	94
42) 1,2-Dichloroethane	8.234	62	108471	41.970	ug/l	93
43) Isopropyl Acetate	8.277	43	213877	48.540	ug/l	98
44) Trichloroethene	8.941	130	91436	43.525	ug/l	97
45) 1,2-Dichloropropane	9.216	63	84365	39.736	ug/l	97
46) Dibromomethane	9.307	93	57842	42.613	ug/l	97
47) Bromodichloromethane	9.496	83	125717	39.901	ug/l	95
48) Methyl methacrylate	9.295	41	94484	49.098	ug/l	90
49) 1,4-Dioxane	9.362	88	44512	1463.932	ug/l #	57
51) 4-Methyl-2-Pentanone	10.069	43	755335	274.030	ug/l	92
52) Toluene	10.246	92	190519	40.566	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	134055	40.549	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	139416	39.724	ug/l	90
55) 1,1,2-Trichloroethane	10.642	97	89033	41.752	ug/l	97
56) Ethyl methacrylate	10.508	69	139655	45.168	ug/l #	86
57) 1,3-Dichloropropane	10.789	76	145444	42.662	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	496867	275.794	ug/l	95
59) 2-Hexanone	10.831	43	605040	282.875	ug/l	89
60) Dibromochloromethane	10.984	129	101551	41.230	ug/l	99
61) 1,2-Dibromoethane	11.087	107	86308	43.309	ug/l	99
64) Tetrachloroethene	10.721	164	103992	47.550	ug/l	98
65) Chlorobenzene	11.514	112	226563	39.374	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	92192	38.968	ug/l	99
67) Ethyl Benzene	11.593	91	382530	38.841	ug/l	98
68) m/p-Xylenes	11.703	106	293051	78.277	ug/l	97
69) o-Xylene	12.026	106	148097	39.771	ug/l	98
70) Styrene	12.044	104	260842	40.124	ug/l	97
71) Bromoform	12.209	173	78277	44.372	ug/l #	98
73) Isopropylbenzene	12.325	105	393344	37.742	ug/l	99
74) N-amyl acetate	12.142	43	170425	42.318	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	126737	41.167	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	104568m	43.905	ug/l	
77) Bromobenzene	12.605	156	99566	38.618	ug/l	90
78) n-propylbenzene	12.666	91	472329	37.837	ug/l	100
79) 2-Chlorotoluene	12.752	91	274484	38.182	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	330310	38.030	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	45410	44.137	ug/l	94
82) 4-Chlorotoluene	12.849	91	286864	38.127	ug/l	100
83) tert-Butylbenzene	13.075	119	299012	37.662	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	333944	38.271	ug/l	99
85) sec-Butylbenzene	13.252	105	438457	37.642	ug/l	100
86) p-Isopropyltoluene	13.367	119	365604	37.692	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	194341	37.647	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	197699	37.878	ug/l	99
89) n-Butylbenzene	13.697	91	343677	37.235	ug/l	97
90) Hexachloroethane	13.959	117	71051	37.527	ug/l	89
91) 1,2-Dichlorobenzene	13.733	146	189486	38.976	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	34449	55.766	ug/l	89
93) 1,2,4-Trichlorobenzene	15.001	180	122131	38.597	ug/l	98
94) Hexachlorobutadiene	15.111	225	61220	37.131	ug/l	97
95) Naphthalene	15.233	128	456290	54.079	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	118943	40.119	ug/l	99

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

