

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082423\
 Data File : VY015330.D
 Acq On : 24 Aug 2023 22:21
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 25 03:28:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/25/2023
 Supervised By :Semsettin Yesilyurt 08/25/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	165240	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	274079	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	252339	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	131441	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	111714	56.320	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.640%			
35) Dibromofluoromethane	7.716	113	100227	56.842	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.680%			
50) Toluene-d8	10.179	98	352379	53.685	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 107.380%			
62) 4-Bromofluorobenzene	12.483	95	133126	55.529	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 111.060%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	32225	45.041	ug/l	95
3) Chloromethane	2.113	50	42821	42.846	ug/l	98
4) Vinyl Chloride	2.247	62	55635	42.312	ug/l	96
5) Bromomethane	2.637	94	49939	55.005	ug/l	93
6) Chloroethane	2.790	64	47102	49.340	ug/l	99
7) Trichlorofluoromethane	3.119	101	106273	47.967	ug/l	97
8) Diethyl Ether	3.528	74	45096	51.899	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.899	101	66756	48.480	ug/l	97
10) Methyl Iodide	4.088	142	64223	47.499	ug/l	100
11) Tert butyl alcohol	4.960	59	75009	228.281	ug/l #	79
12) 1,1-Dichloroethene	3.869	96	54498	47.397	ug/l	89
13) Acrolein	3.729	56	13448	64.574	ug/l	96
14) Allyl chloride	4.479	41	95372	46.784	ug/l	97
15) Acrylonitrile	5.161	53	156250	265.348	ug/l	98
16) Acetone	3.948	43	138166	213.221	ug/l	93
17) Carbon Disulfide	4.192	76	79868	39.470	ug/l	99
18) Methyl Acetate	4.472	43	121635	51.223	ug/l	92
19) Methyl tert-butyl Ether	5.222	73	259034	52.983	ug/l	97
20) Methylene Chloride	4.710	84	93083	60.849	ug/l	89
21) trans-1,2-Dichloroethene	5.216	96	62112	47.891	ug/l	94
22) Diisopropyl ether	6.119	45	262243	51.554	ug/l #	92
23) Vinyl Acetate	6.058	43	748948	246.751	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	140070	50.862	ug/l	97
25) 2-Butanone	6.984	43	224894	245.118	ug/l	93
26) 2,2-Dichloropropane	6.978	77	120880	45.532	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	92025	51.943	ug/l	94
28) Bromochloromethane	7.332	49	52841	41.764	ug/l	90
29) Tetrahydrofuran	7.344	42	139146	253.634	ug/l	90
30) Chloroform	7.509	83	220305	71.360	ug/l	97
31) Cyclohexane	7.783	56	83574	47.018	ug/l	89
32) 1,1,1-Trichloroethane	7.704	97	136567	51.985	ug/l	99
36) 1,1-Dichloropropene	7.917	75	93234	47.795	ug/l	100
37) Ethyl Acetate	7.070	43	90291	49.657	ug/l #	95
38) Carbon Tetrachloride	7.899	117	113745	49.269	ug/l	99
39) Methylcyclohexane	9.185	83	100203	45.821	ug/l	91
40) Benzene	8.161	78	293078	49.694	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	48200m	51.408	ug/l	
42) 1,2-Dichloroethane	8.234	62	112364	52.460	ug/l	96
43) Isopropyl Acetate	8.271	43	167164	50.484	ug/l	97
44) Trichloroethene	8.941	130	86484	50.900	ug/l	98
45) 1,2-Dichloropropane	9.216	63	85640	51.495	ug/l	98
46) Dibromomethane	9.301	93	54376	51.841	ug/l	98
47) Bromodichloromethane	9.496	83	163372	65.272	ug/l	97
48) Methyl methacrylate	9.295	41	75061	52.992	ug/l	94
49) 1,4-Dioxane	9.301	88	20473	976.094	ug/l #	55
51) 4-Methyl-2-Pentanone	10.069	43	505717	263.524	ug/l	93
52) Toluene	10.246	92	191975	49.386	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	130452	49.593	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	138248	49.904	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	85712	53.742	ug/l	95
56) Ethyl methacrylate	10.508	69	123212	52.788	ug/l	90
57) 1,3-Dichloropropane	10.788	76	137027	52.588	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	232176	213.746	ug/l	92
59) 2-Hexanone	10.831	43	366739	258.212	ug/l	92
60) Dibromochloromethane	10.984	129	113747	59.789	ug/l	100
61) 1,2-Dibromoethane	11.087	107	78697	51.942	ug/l	99
64) Tetrachloroethene	10.721	164	96370	54.817	ug/l	97
65) Chlorobenzene	11.514	112	229802	49.982	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	97855	52.455	ug/l	99
67) Ethyl Benzene	11.593	91	394572	48.982	ug/l	98
68) m/p-Xylenes	11.703	106	301712	98.615	ug/l	95
69) o-Xylene	12.032	106	152572	50.059	ug/l	99
70) Styrene	12.044	104	269869	51.159	ug/l	97
71) Bromoform	12.209	173	70972	52.481	ug/l #	100
73) Isopropylbenzene	12.331	105	417852	49.438	ug/l	100
74) N-amyl acetate	12.142	43	151359	49.599	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	112141	50.943	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	88190m	55.225	ug/l	
77) Bromobenzene	12.611	156	104027	50.493	ug/l	99
78) n-propylbenzene	12.672	91	489784	48.799	ug/l	99
79) 2-Chlorotoluene	12.758	91	283855	49.025	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	348199	49.422	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	32774	45.079	ug/l	97
82) 4-Chlorotoluene	12.855	91	297185	49.682	ug/l	99
83) tert-Butylbenzene	13.075	119	318184	49.375	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	346146	49.167	ug/l	98
85) sec-Butylbenzene	13.251	105	462885	49.023	ug/l	100
86) p-Isopropyltoluene	13.367	119	388475	49.624	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	202546	49.567	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	203843	49.735	ug/l	99
89) n-Butylbenzene	13.696	91	358491	48.569	ug/l	97
90) Hexachloroethane	13.959	117	74755	48.135	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	194394	50.923	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	21754	51.014	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	123922	50.565	ug/l	99
94) Hexachlorobutadiene	15.111	225	64269	48.211	ug/l	99
95) Naphthalene	15.239	128	560714	91.845	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	115006	51.961	ug/l	98

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

