

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081523\
 Data File : VY015095.D
 Acq On : 15 Aug 2023 10:23
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 15 15:21:53 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 :Romaben Patel 08/16/2023
 Supervised By :Mahesh Dadoda 08/16/2023

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	201746	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	320236	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	292949	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	152023	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	118415	48.896	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.800%		
35) Dibromofluoromethane	7.710	113	101726	49.377	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.760%		
50) Toluene-d8	10.179	98	373499	48.701	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.400%		
62) 4-Bromofluorobenzene	12.477	95	136720	48.808	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	97.620%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	42143	48.643	ug/l	100
3) Chloromethane	2.107	50	60082	49.856	ug/l	98
4) Vinyl Chloride	2.247	62	74316	46.292	ug/l	96
5) Bromomethane	2.644	94	49382	43.066	ug/l	98
6) Chloroethane	2.784	64	56222	48.237	ug/l	99
7) Trichlorofluoromethane	3.113	101	150095	55.487	ug/l	97
8) Diethyl Ether	3.528	74	52822	49.791	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.887	101	78575	46.738	ug/l	97
10) Methyl Iodide	4.082	142	77234	46.786	ug/l	97
11) Tert butyl alcohol	4.973	59	100110	251.156	ug/l #	80
12) 1,1-Dichloroethene	3.863	96	66568	47.419	ug/l	91
13) Acrolein	3.723	56	41176	266.165	ug/l	100
14) Allyl chloride	4.473	41	110936	44.571	ug/l	97
15) Acrylonitrile	5.155	53	196685	273.576	ug/l	98
16) Acetone	3.954	43	227826	287.967	ug/l	94
17) Carbon Disulfide	4.186	76	117103	47.399	ug/l	98
18) Methyl Acetate	4.479	43	158883	54.801	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	302863	50.739	ug/l	98
20) Methylene Chloride	4.710	84	102207	54.248	ug/l	88
21) trans-1,2-Dichloroethene	5.204	96	75430	47.635	ug/l	92
22) Diisopropyl ether	6.113	45	287067	46.222	ug/l	93
23) Vinyl Acetate	6.052	43	934155	252.079	ug/l #	93
24) 1,1-Dichloroethane	6.009	63	154664	45.999	ug/l	96
25) 2-Butanone	6.984	43	310239	276.952	ug/l	94
26) 2,2-Dichloropropane	6.972	77	141406	43.626	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	102633	47.448	ug/l	93
28) Bromochloromethane	7.326	49	72072	46.656	ug/l	93
29) Tetrahydrofuran	7.344	42	186524	278.472	ug/l	91
30) Chloroform	7.503	83	178996	47.488	ug/l	96
31) Cyclohexane	7.777	56	106810	49.343	ug/l	92
32) 1,1,1-Trichloroethane	7.698	97	152926	47.678	ug/l	99
36) 1,1-Dichloropropene	7.911	75	108702	47.693	ug/l	99
37) Ethyl Acetate	7.070	43	119741	56.362	ug/l	97
38) Carbon Tetrachloride	7.893	117	130955	48.548	ug/l	96
39) Methylcyclohexane	9.179	83	125796	49.233	ug/l	91
40) Benzene	8.155	78	332744	48.287	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	55194m	50.382	ug/l	
42) 1,2-Dichloroethane	8.234	62	129413	51.711	ug/l	95
43) Isopropyl Acetate	8.271	43	207962	53.753	ug/l	98
44) Trichloroethene	8.935	130	98970	49.853	ug/l	98
45) 1,2-Dichloropropane	9.216	63	93699	48.221	ug/l	100
46) Dibromomethane	9.301	93	63098	51.486	ug/l	98
47) Bromodichloromethane	9.490	83	146811	50.201	ug/l	97
48) Methyl methacrylate	9.289	41	91565	55.326	ug/l	95
49) 1,4-Dioxane	9.307	88	29088	1186.943	ug/l #	53
51) 4-Methyl-2-Pentanone	10.069	43	655207	292.211	ug/l	94
52) Toluene	10.240	92	222070	48.894	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	156771	51.008	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	161020	49.746	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	97318	52.224	ug/l	99
56) Ethyl methacrylate	10.508	69	147010	53.906	ug/l	90
57) 1,3-Dichloropropane	10.789	76	154388	50.711	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.777	63	305025	240.337	ug/l	93
59) 2-Hexanone	10.831	43	499374	300.920	ug/l	92
60) Dibromochloromethane	10.984	129	117440	52.833	ug/l	100
61) 1,2-Dibromoethane	11.087	107	94634	53.459	ug/l	98
64) Tetrachloroethene	10.715	164	103567	50.744	ug/l	97
65) Chlorobenzene	11.514	112	259391	48.597	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	106384	49.121	ug/l	98
67) Ethyl Benzene	11.587	91	451503	48.279	ug/l	100
68) m/p-Xylenes	11.697	106	337105	94.909	ug/l	96
69) o-Xylene	12.026	106	170936	48.310	ug/l	97
70) Styrene	12.038	104	294910	48.156	ug/l	98
71) Bromoform	12.203	173	85999	54.777	ug/l #	98
73) Isopropylbenzene	12.325	105	455734	46.620	ug/l	100
74) N-amyl acetate	12.142	43	185207	52.474	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	133645	52.492	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	98858m	53.525	ug/l	
77) Bromobenzene	12.605	156	112226	47.098	ug/l	94
78) n-propylbenzene	12.666	91	523163	45.068	ug/l	98
79) 2-Chlorotoluene	12.752	91	305027	45.549	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	380750	46.726	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	44977	53.488	ug/l	98
82) 4-Chlorotoluene	12.849	91	316444	45.739	ug/l	100
83) tert-Butylbenzene	13.075	119	339680	45.574	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	381117	46.805	ug/l	99
85) sec-Butylbenzene	13.252	105	494967	45.324	ug/l	99
86) p-Isopropyltoluene	13.367	119	417726	46.136	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	223126	47.210	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	228158	48.131	ug/l	100
89) n-Butylbenzene	13.690	91	388224	45.476	ug/l	96
90) Hexachloroethane	13.959	117	82752	46.070	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	213255	48.301	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	29765	60.350	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	143262	50.542	ug/l	99
94) Hexachlorobutadiene	15.111	225	72264	46.869	ug/l	100
95) Naphthalene	15.233	128	396621	56.171	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	133652	52.210	ug/l	98

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

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