

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081423\
 Data File : VY015071.D
 Acq On : 14 Aug 2023 10:54
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Aug 14 12:29:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:26:01 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/15/2023
 Supervised By :Semsettin Yesilyurt 08/15/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	226550	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	372028	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	335462	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	172909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	137833	50.683	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.360%			
35) Dibromofluoromethane	7.716	113	122154	51.038	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.080%			
50) Toluene-d8	10.179	98	451421	50.667	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.340%			
62) 4-Bromofluorobenzene	12.477	95	162773	50.020	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 100.040%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	48966	50.524	ug/l	97
3) Chloromethane	2.113	50	69090	51.153	ug/l	96
4) Vinyl Chloride	2.247	62	86072	47.745	ug/l	98
5) Bromomethane	2.637	94	66110	52.783	ug/l	94
6) Chloroethane	2.784	64	64975	49.643	ug/l	96
7) Trichlorofluoromethane	3.119	101	144635	47.615	ug/l	97
8) Diethyl Ether	3.521	74	57812	48.528	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.893	101	90527	47.952	ug/l	96
10) Methyl Iodide	4.082	142	98107	52.923	ug/l	98
11) Tert butyl alcohol	4.954	59	111007	247.899	ug/l #	82
12) 1,1-Dichloroethene	3.863	96	77463	49.138	ug/l	92
13) Acrolein	3.723	56	40140	225.041	ug/l	98
14) Allyl chloride	4.472	41	139098	49.767	ug/l	98
15) Acrylonitrile	5.155	53	200827	248.753	ug/l	99
16) Acetone	3.942	43	229646	258.487	ug/l	98
17) Carbon Disulfide	4.192	76	141208	50.898	ug/l	99
18) Methyl Acetate	4.472	43	162737	49.985	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	333305	49.725	ug/l	100
20) Methylene Chloride	4.710	84	108761	51.159	ug/l	91
21) trans-1,2-Dichloroethene	5.216	96	87510	49.213	ug/l	95
22) Diisopropyl ether	6.118	45	345023	49.472	ug/l	92
23) Vinyl Acetate	6.058	43	1050498	252.438	ug/l #	95
24) 1,1-Dichloroethane	6.009	63	186513	49.398	ug/l	99
25) 2-Butanone	6.978	43	313400	249.142	ug/l	96
26) 2,2-Dichloropropane	6.978	77	172697	47.446	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	118834	48.923	ug/l	97
28) Bromochloromethane	7.332	49	84352	48.626	ug/l	94
29) Tetrahydrofuran	7.344	42	186795	248.344	ug/l	92
30) Chloroform	7.502	83	207293	48.974	ug/l	96
31) Cyclohexane	7.783	56	124744	51.426	ug/l	92
32) 1,1,1-Trichloroethane	7.697	97	176507	49.005	ug/l	98
36) 1,1-Dichloropropene	7.917	75	130190	49.168	ug/l	100
37) Ethyl Acetate	7.069	43	119380	48.369	ug/l #	96
38) Carbon Tetrachloride	7.899	117	152920	48.799	ug/l	99
39) Methylcyclohexane	9.179	83	145660	49.071	ug/l	95
40) Benzene	8.155	78	393805	49.193	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	67036m	54.112	ug/l	
42) 1,2-Dichloroethane	8.234	62	144218	49.605	ug/l	95
43) Isopropyl Acetate	8.271	43	221967	49.385	ug/l	98
44) Trichloroethene	8.941	130	112602	48.823	ug/l	94
45) 1,2-Dichloropropane	9.215	63	110581	48.986	ug/l	96
46) Dibromomethane	9.301	93	71374	50.131	ug/l	96
47) Bromodichloromethane	9.496	83	169316	49.836	ug/l	97
48) Methyl methacrylate	9.289	41	97676	50.802	ug/l	94
49) 1,4-Dioxane	9.295	88	28780	1010.884	ug/l #	53
51) 4-Methyl-2-Pentanone	10.069	43	653053	250.704	ug/l	94
52) Toluene	10.240	92	260073	49.289	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	177397	49.684	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	186182	49.512	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	106423	49.160	ug/l	97
56) Ethyl methacrylate	10.508	69	160866	50.775	ug/l	91
57) 1,3-Dichloropropane	10.788	76	175052	49.494	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	356370	241.703	ug/l	94
59) 2-Hexanone	10.831	43	486058	252.120	ug/l	93
60) Dibromochloromethane	10.983	129	129349	50.090	ug/l	100
61) 1,2-Dibromoethane	11.087	107	101798	49.500	ug/l	99
64) Tetrachloroethene	10.721	164	114983	49.198	ug/l	95
65) Chlorobenzene	11.514	112	301921	49.397	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	123025	49.606	ug/l	99
67) Ethyl Benzene	11.587	91	524830	49.008	ug/l	100
68) m/p-Xylenes	11.697	106	401266	98.656	ug/l	96
69) o-Xylene	12.026	106	198963	49.105	ug/l	97
70) Styrene	12.044	104	347759	49.590	ug/l	97
71) Bromoform	12.203	173	89263	49.651	ug/l #	99
73) Isopropylbenzene	12.325	105	535697	48.180	ug/l	100
74) N-amyl acetate	12.142	43	201579	50.214	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	143004	49.383	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	100133m	47.578	ug/l	
77) Bromobenzene	12.605	156	130547	48.169	ug/l	95
78) n-propylbenzene	12.666	91	634645	48.067	ug/l	99
79) 2-Chlorotoluene	12.751	91	367053	48.191	ug/l	100
80) 1,3,5-Trimethylbenzene	12.806	105	452394	48.812	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	48480	50.690	ug/l	96
82) 4-Chlorotoluene	12.849	91	383647	48.755	ug/l	99
83) tert-Butylbenzene	13.075	119	412175	48.621	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	454407	49.065	ug/l	99
85) sec-Butylbenzene	13.251	105	602145	48.478	ug/l	100
86) p-Isopropyltoluene	13.367	119	503610	48.903	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	261054	48.563	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	263024	48.784	ug/l	99
89) n-Butylbenzene	13.696	91	475888	49.011	ug/l	97
90) Hexachloroethane	13.959	117	98199	48.066	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	245070	48.802	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	27691	49.363	ug/l	92
93) 1,2,4-Trichlorobenzene	15.001	180	157785	48.942	ug/l	99
94) Hexachlorobutadiene	15.111	225	83424	47.571	ug/l	99
95) Naphthalene	15.233	128	387941	48.305	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	141509	48.602	ug/l	99

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

