

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082323\
 Data File : VY015284.D
 Acq On : 23 Aug 2023 15:57
 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 24 02:32:01 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 08/24/2023
 Supervised By :Semsettin Yesilyurt 08/24/2023

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	155224	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	252785	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	232741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	121251	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	105690	56.721	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.440%			
35) Dibromofluoromethane	7.710	113	94560	58.146	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 116.300%			
50) Toluene-d8	10.173	98	340752	56.287	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 112.580%			
62) 4-Bromofluorobenzene	12.477	95	122843	55.556	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 111.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	30134	44.811	ug/l	99
3) Chloromethane	2.107	50	45873	49.442	ug/l	98
4) Vinyl Chloride	2.241	62	56787	45.975	ug/l	96
5) Bromomethane	2.631	94	44223	51.322	ug/l	98
6) Chloroethane	2.778	64	45862	51.141	ug/l	95
7) Trichlorofluoromethane	3.113	101	102267	49.137	ug/l	99
8) Diethyl Ether	3.521	74	43046	52.737	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.887	101	64382	49.773	ug/l	96
10) Methyl Iodide	4.082	142	60472	47.611	ug/l	98
11) Tert butyl alcohol	4.966	59	80585	263.565	ug/l #	84
12) 1,1-Dichloroethene	3.857	96	52615	48.713	ug/l	95
13) Acrolein	3.723	56	23086	179.872	ug/l	99
14) Allyl chloride	4.466	41	97975	51.162	ug/l	97
15) Acrylonitrile	5.155	53	158294	286.165	ug/l	99
16) Acetone	3.948	43	167418	275.034	ug/l	96
17) Carbon Disulfide	4.180	76	83228	43.784	ug/l	100
18) Methyl Acetate	4.472	43	126520	56.718	ug/l	94
19) Methyl tert-butyl Ether	5.210	73	242442	52.789	ug/l	99
20) Methylene Chloride	4.704	84	88796	61.866	ug/l	89
21) trans-1,2-Dichloroethene	5.210	96	59834	49.111	ug/l	98
22) Diisopropyl ether	6.106	45	256069	53.588	ug/l	95
23) Vinyl Acetate	6.051	43	762598	267.461	ug/l	95
24) 1,1-Dichloroethane	6.009	63	137398	53.111	ug/l	98
25) 2-Butanone	6.984	43	238572	276.805	ug/l	96
26) 2,2-Dichloropropane	6.972	77	120406	48.280	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	87327	52.471	ug/l	95
28) Bromochloromethane	7.326	49	61669	51.886	ug/l	96
29) Tetrahydrofuran	7.344	42	140445	272.521	ug/l	93
30) Chloroform	7.496	83	151605	52.276	ug/l	98
31) Cyclohexane	7.777	56	83817	50.379	ug/l	95
32) 1,1,1-Trichloroethane	7.697	97	125154	50.714	ug/l	99
36) 1,1-Dichloropropene	7.911	75	90728	50.428	ug/l	99
37) Ethyl Acetate	7.070	43	91548	54.589	ug/l	97
38) Carbon Tetrachloride	7.893	117	104898	49.264	ug/l	99
39) Methylcyclohexane	9.179	83	96875	48.031	ug/l	93
40) Benzene	8.155	78	283338	52.089	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	45794m	52.956	ug/l	
42) 1,2-Dichloroethane	8.234	62	104684	52.992	ug/l	95
43) Isopropyl Acetate	8.271	43	165015	54.033	ug/l	99
44) Trichloroethene	8.935	130	79709	50.864	ug/l	100
45) 1,2-Dichloropropane	9.209	63	82298	53.654	ug/l	98
46) Dibromomethane	9.301	93	51242	52.969	ug/l	97
47) Bromodichloromethane	9.490	83	124061	53.741	ug/l	96
48) Methyl methacrylate	9.289	41	72476	55.477	ug/l	93
49) 1,4-Dioxane	9.295	88	20913	1081.063	ug/l #	54
51) 4-Methyl-2-Pentanone	10.063	43	509945	288.112	ug/l	95
52) Toluene	10.240	92	186004	51.881	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	125342	51.664	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	131968	51.650	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	80496	54.724	ug/l	98
56) Ethyl methacrylate	10.508	69	118405	55.002	ug/l	90
57) 1,3-Dichloropropane	10.788	76	131136	54.567	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	259446	258.971	ug/l	96
59) 2-Hexanone	10.825	43	376312	287.271	ug/l	93
60) Dibromochloromethane	10.983	129	95028	54.158	ug/l	99
61) 1,2-Dibromoethane	11.087	107	75088	53.735	ug/l	99
64) Tetrachloroethene	10.715	164	82880	51.113	ug/l	97
65) Chlorobenzene	11.514	112	220729	52.051	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	90375	52.524	ug/l	99
67) Ethyl Benzene	11.587	91	376374	50.657	ug/l	100
68) m/p-Xylenes	11.697	106	286396	101.491	ug/l	96
69) o-Xylene	12.026	106	143988	51.221	ug/l	97
70) Styrene	12.038	104	254338	52.275	ug/l	97
71) Bromoform	12.203	173	64172	51.448	ug/l #	100
73) Isopropylbenzene	12.325	105	388269	49.798	ug/l	99
74) N-amyl acetate	12.142	43	147860	52.525	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.575	83	111010	54.667	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	76443m	51.892	ug/l	
77) Bromobenzene	12.605	156	95514	50.257	ug/l	96
78) n-propylbenzene	12.666	91	465576	50.285	ug/l	99
79) 2-Chlorotoluene	12.751	91	267367	50.058	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	323838	49.827	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	34163	50.939	ug/l	99
82) 4-Chlorotoluene	12.849	91	278187	50.414	ug/l	99
83) tert-Butylbenzene	13.068	119	300669	50.578	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	324236	49.926	ug/l	99
85) sec-Butylbenzene	13.251	105	439912	50.506	ug/l	100
86) p-Isopropyltoluene	13.367	119	362466	50.193	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	191897	50.907	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	191546	50.662	ug/l	99
89) n-Butylbenzene	13.690	91	345494	50.742	ug/l	97
90) Hexachloroethane	13.959	117	69881	48.778	ug/l	91
91) 1,2-Dichlorobenzene	13.733	146	182388	51.793	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	20946	53.247	ug/l	92
93) 1,2,4-Trichlorobenzene	15.001	180	117027	51.765	ug/l	99
94) Hexachlorobutadiene	15.111	225	60732	49.386	ug/l	98
95) Naphthalene	15.233	128	294414	52.278	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	107176	52.493	ug/l	98

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

