

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080823\
 Data File : VY014976.D
 Acq On : 08 Aug 2023 11:39
 Operator : SY/MD
 Sample : VY0808SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0808SBS01

Quant Time: Aug 08 15:51:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 08/09/2023
 Supervised By :Semsettin Yesilyurt 08/09/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	295476	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	483967	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	442769	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	225808	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	192108	53.643	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.280%			
35) Dibromofluoromethane	7.716	113	164487	53.148	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.300%			
50) Toluene-d8	10.179	98	617273	52.401	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.800%			
62) 4-Bromofluorobenzene	12.477	95	220370	52.784	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.560%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	39682	22.277	ug/l	92
3) Chloromethane	2.113	50	48450	20.835	ug/l	99
4) Vinyl Chloride	2.247	62	59342	20.710	ug/l	97
5) Bromomethane	2.619	94	43591	21.316	ug/l	99
6) Chloroethane	2.778	64	40387	20.414	ug/l	98
7) Trichlorofluoromethane	3.113	101	92198	20.362	ug/l	98
8) Diethyl Ether	3.528	74	34429	20.606	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.893	101	53897	20.107	ug/l	96
10) Methyl Iodide	4.082	142	51007	18.405	ug/l	99
11) Tert butyl alcohol	4.936	59	129204	149.488	ug/l #	89
12) 1,1-Dichloroethene	3.863	96	47702	20.425	ug/l	91
13) Acrolein	3.729	56	54153	184.177	ug/l	100
14) Allyl chloride	4.473	41	79292	20.388	ug/l	96
15) Acrylonitrile	5.155	53	113796	111.480	ug/l	100
16) Acetone	3.948	43	135351	121.201	ug/l	93
17) Carbon Disulfide	4.186	76	103183	19.982	ug/l	99
18) Methyl Acetate	4.473	43	91633	22.532	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	183791	20.800	ug/l	99
20) Methylene Chloride	4.710	84	129133	22.244	ug/l	87
21) trans-1,2-Dichloroethene	5.210	96	53502	20.097	ug/l	96
22) Diisopropyl ether	6.119	45	186112	20.544	ug/l	93
23) Vinyl Acetate	6.058	43	557876	102.444	ug/l #	95
24) 1,1-Dichloroethane	6.015	63	105258	20.484	ug/l	98
25) 2-Butanone	6.984	43	186529	116.616	ug/l	95
26) 2,2-Dichloropropane	6.978	77	100381	19.307	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	69224	20.548	ug/l	97
28) Bromochloromethane	7.332	49	48776	21.057	ug/l	92
29) Tetrahydrofuran	7.344	42	106727	113.783	ug/l	92
30) Chloroform	7.502	83	115975	20.777	ug/l	96
31) Cyclohexane	7.783	56	82264	20.106	ug/l	91
32) 1,1,1-Trichloroethane	7.698	97	99787	20.285	ug/l	99
36) 1,1-Dichloropropene	7.911	75	76660	19.951	ug/l	99
37) Ethyl Acetate	7.070	43	66858	21.921	ug/l #	93
38) Carbon Tetrachloride	7.899	117	86971	20.134	ug/l	97
39) Methylcyclohexane	9.179	83	90841	19.881	ug/l	94
40) Benzene	8.155	78	228792	20.222	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	36038m	24.314	ug/l	
42) 1,2-Dichloroethane	8.234	62	80990	20.564	ug/l	95
43) Isopropyl Acetate	8.271	43	121202	21.389	ug/l	98
44) Trichloroethene	8.935	130	66667	20.535	ug/l	97
45) 1,2-Dichloropropane	9.216	63	60848	20.236	ug/l	97
46) Dibromomethane	9.301	93	41242	21.291	ug/l	95
47) Bromodichloromethane	9.496	83	92411	20.717	ug/l	97
48) Methyl methacrylate	9.289	41	53759	21.623	ug/l	93
49) 1,4-Dioxane	9.301	88	16568	459.837	ug/l #	61
51) 4-Methyl-2-Pentanone	10.069	43	355890	111.450	ug/l	94
52) Toluene	10.240	92	147908	20.315	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	96330	20.737	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	102917	20.506	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	59193	21.025	ug/l	96
56) Ethyl methacrylate	10.508	69	85174	21.128	ug/l	92
57) 1,3-Dichloropropane	10.788	76	98538	21.155	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	204652	107.366	ug/l	92
59) 2-Hexanone	10.831	43	273400	115.901	ug/l	93
60) Dibromochloromethane	10.984	129	70432	21.011	ug/l	98
61) 1,2-Dibromoethane	11.087	107	56863	21.160	ug/l	100
64) Tetrachloroethene	10.715	164	70047	21.031	ug/l	96
65) Chlorobenzene	11.514	112	170358	20.277	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	65147	19.789	ug/l	98
67) Ethyl Benzene	11.587	91	292044	19.807	ug/l	98
68) m/p-Xylenes	11.697	106	224150	39.739	ug/l	96
69) o-Xylene	12.026	106	111033	20.117	ug/l	98
70) Styrene	12.038	104	189885	20.131	ug/l	97
71) Bromoform	12.203	173	47763	21.048	ug/l #	97
73) Isopropylbenzene	12.325	105	297035	19.569	ug/l	100
74) N-amyl acetate	12.142	43	106465	20.529	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	75930	20.469	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	56874m	21.020	ug/l	
77) Bromobenzene	12.605	156	71927	19.535	ug/l	98
78) n-propylbenzene	12.666	91	355198	19.565	ug/l	99
79) 2-Chlorotoluene	12.752	91	202153	19.537	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	247288	19.769	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	24525	19.969	ug/l	99
82) 4-Chlorotoluene	12.849	91	209982	19.631	ug/l	98
83) tert-Butylbenzene	13.075	119	221414	19.349	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	247035	19.712	ug/l	100
85) sec-Butylbenzene	13.251	105	329503	19.620	ug/l	100
86) p-Isopropyltoluene	13.367	119	273558	19.678	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	142509	19.774	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	143915	20.024	ug/l	98
89) n-Butylbenzene	13.697	91	257487	19.713	ug/l	97
90) Hexachloroethane	13.959	117	52782	19.552	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	132920	19.984	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	15432	21.307	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	84634	19.885	ug/l	98
94) Hexachlorobutadiene	15.111	225	44998	19.497	ug/l	98
95) Naphthalene	15.233	128	208099	20.779	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	77638	20.152	ug/l	99

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

