

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080323\
 Data File : VY014948.D
 Acq On : 03 Aug 2023 14:59
 Operator : SY/MD
 Sample : VY0803SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0803SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/04/2023
 Supervised By :Semsettin Yesilyurt 08/04/2023

Quant Time: Aug 04 04:31:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	282485	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	471910	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	421121	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	219023	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	183419	56.980	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.960%			
35) Dibromofluoromethane	7.709	113	168070	55.948	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.900%			
50) Toluene-d8	10.179	98	585207	52.839	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 105.680%			
62) 4-Bromofluorobenzene	12.477	95	221673	52.199	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.400%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	46793	20.332	ug/l	95
3) Chloromethane	2.113	50	55538	21.468	ug/l	97
4) Vinyl Chloride	2.247	62	66393	22.963	ug/l	99
5) Bromomethane	2.625	94	50902	26.640	ug/l	98
6) Chloroethane	2.777	64	46360	25.670	ug/l	92
7) Trichlorofluoromethane	3.113	101	102630	21.135	ug/l	100
8) Diethyl Ether	3.521	74	37035	20.498	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.893	101	59799	20.091	ug/l	95
10) Methyl Iodide	4.082	142	56489	19.425	ug/l	100
11) Tert butyl alcohol	4.936	59	140316	206.377	ug/l #	96
12) 1,1-Dichloroethene	3.863	96	54729	19.674	ug/l	88
13) Acrolein	3.722	56	20556	61.096	ug/l	99
14) Allyl chloride	4.472	41	85620	17.335	ug/l	96
15) Acrylonitrile	5.155	53	110229	110.638	ug/l	99
16) Acetone	3.942	43	107616	105.499	ug/l	95
17) Carbon Disulfide	4.180	76	135379	16.999	ug/l	97
18) Methyl Acetate	4.472	43	90700	23.170	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	188431	20.853	ug/l	98
20) Methylene Chloride	4.704	84	106428	30.467	ug/l	93
21) trans-1,2-Dichloroethene	5.210	96	60902	19.292	ug/l	92
22) Diisopropyl ether	6.112	45	191140	19.034	ug/l	94
23) Vinyl Acetate	6.051	43	571107	95.037	ug/l #	92
24) 1,1-Dichloroethane	6.002	63	111977	19.489	ug/l	98
25) 2-Butanone	6.978	43	166600	111.636	ug/l	96
26) 2,2-Dichloropropane	6.978	77	105015	19.177	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	75643	20.586	ug/l	95
28) Bromochloromethane	7.325	49	49938	20.180	ug/l	91
29) Tetrahydrofuran	7.344	42	102263	111.286	ug/l	91
30) Chloroform	7.502	83	120379	20.317	ug/l	97
31) Cyclohexane	7.783	56	94856	17.751	ug/l	86
32) 1,1,1-Trichloroethane	7.697	97	107680	20.193	ug/l	99
36) 1,1-Dichloropropene	7.917	75	85640	19.063	ug/l	100
37) Ethyl Acetate	7.069	43	67625	21.863	ug/l	95
38) Carbon Tetrachloride	7.898	117	94180	19.832	ug/l	95
39) Methylcyclohexane	9.179	83	105641	18.049	ug/l	95
40) Benzene	8.154	78	249509	19.528	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	36166m	22.732	ug/l	
42) 1,2-Dichloroethane	8.234	62	84927	20.990	ug/l	95
43) Isopropyl Acetate	8.270	43	119813	20.335	ug/l #	95
44) Trichloroethene	8.935	130	73063	20.438	ug/l	97
45) 1,2-Dichloropropane	9.209	63	64190	19.240	ug/l	92
46) Dibromomethane	9.301	93	43064	21.277	ug/l	93
47) Bromodichloromethane	9.496	83	95521	20.024	ug/l	99
48) Methyl methacrylate	9.288	41	51441	19.403	ug/l	91
49) 1,4-Dioxane	9.301	88	16035	485.867	ug/l #	59
51) 4-Methyl-2-Pentanone	10.069	43	338790	109.514	ug/l	93
52) Toluene	10.239	92	160111	19.583	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	97437	18.673	ug/l	100
54) cis-1,3-Dichloropropene	9.922	75	106603	18.787	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	59553	21.123	ug/l	97
56) Ethyl methacrylate	10.508	69	86170	20.018	ug/l	90
57) 1,3-Dichloropropane	10.788	76	100674	20.703	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	197821	98.628	ug/l	94
59) 2-Hexanone	10.831	43	246202	109.132	ug/l	90
60) Dibromochloromethane	10.983	129	71171	20.589	ug/l	99
61) 1,2-Dibromoethane	11.087	107	59282	21.078	ug/l	99
64) Tetrachloroethene	10.715	164	75745	22.364	ug/l	99
65) Chlorobenzene	11.514	112	179364	19.987	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	67839	20.049	ug/l	98
67) Ethyl Benzene	11.587	91	312122	19.264	ug/l	100
68) m/p-Xylenes	11.697	106	239844	38.779	ug/l	96
69) o-Xylene	12.026	106	116565	19.350	ug/l	98
70) Styrene	12.038	104	198678	19.568	ug/l	97
71) Bromoform	12.203	173	46694	20.359	ug/l #	100
73) Isopropylbenzene	12.324	105	314861	18.360	ug/l	99
74) N-amyl acetate	12.142	43	103495	18.019	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	73968	18.913	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	56022m	20.252	ug/l	
77) Bromobenzene	12.605	156	74272	18.973	ug/l	98
78) n-propylbenzene	12.666	91	375074	18.150	ug/l	99
79) 2-Chlorotoluene	12.751	91	208962	17.555	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	258723	18.064	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	23146	16.201	ug/l	99
82) 4-Chlorotoluene	12.849	91	217759	17.763	ug/l	100
83) tert-Butylbenzene	13.074	119	232610	18.309	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	260016	18.499	ug/l	99
85) sec-Butylbenzene	13.251	105	343952	18.455	ug/l	100
86) p-Isopropyltoluene	13.367	119	287445	18.890	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	147526	19.363	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	144965	18.987	ug/l	97
89) n-Butylbenzene	13.690	91	269276	18.189	ug/l	97
90) Hexachloroethane	13.958	117	54755	17.519	ug/l	89
91) 1,2-Dichlorobenzene	13.733	146	136637	19.574	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14979	20.028	ug/l	95
93) 1,2,4-Trichlorobenzene	15.001	180	86018	19.412	ug/l	99
94) Hexachlorobutadiene	15.111	225	45595	18.724	ug/l	100
95) Naphthalene	15.232	128	207782	20.127	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	76431	19.408	ug/l	99

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

