

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
 Data File : VY014790.D
 Acq On : 25 Jul 2023 10:36
 Operator : SY/MD
 Sample : VY0725SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0725SBS01

Quant Time: Jul 25 14:12:58 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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/26/2023
 Supervised By :Semsettin Yesilyurt 07/27/2023

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	207856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	342886	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	311086	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	155265	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	124523	52.572	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.140%			
35) Dibromofluoromethane	7.716	113	112337	51.466	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.940%			
50) Toluene-d8	10.179	98	404146	50.222	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.440%			
62) 4-Bromofluorobenzene	12.477	95	151257	49.020	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 98.040%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	35672	21.065	ug/l	100
3) Chloromethane	2.107	50	46841	24.607	ug/l	99
4) Vinyl Chloride	2.247	62	52415	24.638	ug/l	96
5) Bromomethane	2.619	94	36840	26.203	ug/l	94
6) Chloroethane	2.778	64	32949	24.794	ug/l	94
7) Trichlorofluoromethane	3.113	101	74364	20.812	ug/l	98
8) Diethyl Ether	3.521	74	27747	20.871	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.887	101	43336	19.788	ug/l	95
10) Methyl Iodide	4.082	142	42018	19.610	ug/l	97
11) Tert butyl alcohol	4.942	59	85436	166.577	ug/l #	92
12) 1,1-Dichloroethene	3.863	96	40036	19.560	ug/l	94
13) Acrolein	3.723	56	25339	102.353	ug/l	99
14) Allyl chloride	4.466	41	67771	18.648	ug/l	97
15) Acrylonitrile	5.155	53	87016	118.697	ug/l	98
16) Acetone	3.942	43	88349	117.708	ug/l	94
17) Carbon Disulfide	4.186	76	110457	18.849	ug/l	95
18) Methyl Acetate	4.466	43	69314	24.064	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	140631	21.151	ug/l	99
20) Methylene Chloride	4.704	84	51793	18.588	ug/l	91
21) trans-1,2-Dichloroethene	5.210	96	46005	19.805	ug/l	98
22) Diisopropyl ether	6.112	45	145414	19.680	ug/l	94
23) Vinyl Acetate	6.058	43	449979	101.766	ug/l	95
24) 1,1-Dichloroethane	6.009	63	82538	19.523	ug/l	97
25) 2-Butanone	6.978	43	133047	121.162	ug/l	95
26) 2,2-Dichloropropane	6.972	77	80609	20.006	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	55828	20.648	ug/l	95
28) Bromochloromethane	7.326	49	39632	21.766	ug/l	91
29) Tetrahydrofuran	7.344	42	82824	122.492	ug/l	91
30) Chloroform	7.502	83	87793	20.137	ug/l	93
31) Cyclohexane	7.783	56	72577	18.459	ug/l	87
32) 1,1,1-Trichloroethane	7.697	97	76917	19.603	ug/l	98
36) 1,1-Dichloropropene	7.917	75	64318	19.704	ug/l	98
37) Ethyl Acetate	7.069	43	53206	23.675	ug/l #	95
38) Carbon Tetrachloride	7.899	117	69279	20.078	ug/l	98
39) Methylcyclohexane	9.179	83	79623	18.723	ug/l	93
40) Benzene	8.155	78	186501	20.089	ug/l	99

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41) Methacrylonitrile	7.313	41	28025m	24.244	ug/l	
42) 1,2-Dichloroethane	8.234	62	62924	21.404	ug/l	95
43) Isopropyl Acetate	8.271	43	94478	22.069	ug/l	97
44) Trichloroethene	8.935	130	52322	20.144	ug/l	94
45) 1,2-Dichloropropane	9.209	63	47592	19.632	ug/l	98
46) Dibromomethane	9.301	93	31173	21.197	ug/l	97
47) Bromodichloromethane	9.490	83	69217	19.970	ug/l	99
48) Methyl methacrylate	9.289	41	41093	21.332	ug/l	91
49) 1,4-Dioxane	9.295	88	11746	489.832	ug/l #	46
51) 4-Methyl-2-Pentanone	10.069	43	268771	119.573	ug/l	94
52) Toluene	10.240	92	119796	20.166	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	76137	20.082	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	80395	19.499	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	43866	21.414	ug/l	98
56) Ethyl methacrylate	10.508	69	66553	21.278	ug/l	90
57) 1,3-Dichloropropane	10.788	76	74404	21.058	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	170939	117.295	ug/l	94
59) 2-Hexanone	10.831	43	200820	122.512	ug/l	92
60) Dibromochloromethane	10.983	129	52518	20.910	ug/l	99
61) 1,2-Dibromoethane	11.087	107	44223	21.640	ug/l	100
64) Tetrachloroethene	10.715	164	50555	20.206	ug/l	95
65) Chlorobenzene	11.514	112	131555	19.845	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	50149	20.064	ug/l	98
67) Ethyl Benzene	11.587	91	233440	19.504	ug/l	99
68) m/p-Xylenes	11.697	106	178551	39.080	ug/l	96
69) o-Xylene	12.026	106	86797	19.504	ug/l	97
70) Styrene	12.044	104	146708	19.560	ug/l	98
71) Bromoform	12.203	173	35766	21.111	ug/l #	98
73) Isopropylbenzene	12.325	105	229661	18.891	ug/l	100
74) N-amyl acetate	12.142	43	81277	19.961	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	57790	20.845	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	41133m	20.976	ug/l	
77) Bromobenzene	12.605	156	54872	19.773	ug/l	94
78) n-propylbenzene	12.666	91	277726	18.958	ug/l	100
79) 2-Chlorotoluene	12.751	91	156724	18.574	ug/l	100
80) 1,3,5-Trimethylbenzene	12.806	105	191791	18.890	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	19288	19.044	ug/l	97
82) 4-Chlorotoluene	12.849	91	162499	18.699	ug/l	99
83) tert-Butylbenzene	13.075	119	169969	18.872	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	189441	19.012	ug/l	98
85) sec-Butylbenzene	13.251	105	250396	18.952	ug/l	100
86) p-Isopropyltoluene	13.367	119	204843	18.990	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	107222	19.852	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	107924	19.940	ug/l	98
89) n-Butylbenzene	13.690	91	195727	18.650	ug/l	97
90) Hexachloroethane	13.959	117	40982	18.496	ug/l	87
91) 1,2-Dichlorobenzene	13.733	146	98256	19.856	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.349	75	11755	22.171	ug/l	96
93) 1,2,4-Trichlorobenzene	15.001	180	59978	19.094	ug/l	99
94) Hexachlorobutadiene	15.111	225	33270	19.273	ug/l	97
95) Naphthalene	15.233	128	149047	20.366	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	54365	19.474	ug/l	98

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

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