

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101722\
 Data File : VY010976.D
 Acq On : 17 Oct 2022 17:44
 Operator : KP/MD
 Sample : VY1017SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1017SBS01

Quant Time: Oct 18 01:46:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 10/18/2022
 Supervised By :Mahesh Dadoda 10/19/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	290436	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	470628	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	418845	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	201106	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	124884	46.680	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.360%		
35) Dibromofluoromethane	7.716	113	128892	49.092	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.180%		
50) Toluene-d8	10.179	98	478644	48.708	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.420%		
62) 4-Bromofluorobenzene	12.477	95	166598	47.720	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.440%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	38109	19.782	ug/l	99
3) Chloromethane	2.113	50	55875	20.216	ug/l	98
4) Vinyl Chloride	2.247	62	63236	20.186	ug/l	98
5) Bromomethane	2.637	94	44940	20.741	ug/l	98
6) Chloroethane	2.784	64	41919	20.024	ug/l	97
7) Trichlorofluoromethane	3.119	101	93703	20.436	ug/l	94
8) Diethyl Ether	3.521	74	33378	19.507	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.887	101	57752	20.080	ug/l	94
10) Methyl Iodide	4.082	142	65289	18.552	ug/l	91
11) Tert butyl alcohol	4.948	59	33234	97.074	ug/l	97
12) 1,1-Dichloroethene	3.863	96	55681	20.210	ug/l	85
13) Acrolein	3.723	56	40470	93.833	ug/l	98
14) Allyl chloride	4.472	41	86090	19.704	ug/l #	88
15) Acrylonitrile	5.161	53	87955	98.615	ug/l	97
16) Acetone	3.948	43	68436	88.087	ug/l #	87
17) Carbon Disulfide	4.186	76	161861	20.040	ug/l	98
18) Methyl Acetate	4.472	43	47590	20.089	ug/l #	91
19) Methyl tert-butyl Ether	5.210	73	149320	19.398	ug/l	98
20) Methylene Chloride	4.710	84	77511	18.973	ug/l	84
21) trans-1,2-Dichloroethene	5.210	96	61589	19.801	ug/l	90
22) Diisopropyl ether	6.112	45	189708	20.274	ug/l	93
23) Vinyl Acetate	6.057	43	553669	98.949	ug/l #	93
24) 1,1-Dichloroethane	6.009	63	114543	20.274	ug/l	98
25) 2-Butanone	6.978	43	110553	93.832	ug/l #	88
26) 2,2-Dichloropropane	6.978	77	98173	19.568	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	72022	20.092	ug/l	88
28) Bromochloromethane	7.332	49	22913	14.160	ug/l	90
29) Tetrahydrofuran	7.344	42	71350	98.429	ug/l #	87
30) Chloroform	7.502	83	113630	19.952	ug/l	97
31) Cyclohexane	7.783	56	100857	19.700	ug/l	88
32) 1,1,1-Trichloroethane	7.697	97	100872	20.150	ug/l	96
36) 1,1-Dichloropropene	7.911	75	87822	20.046	ug/l	97
37) Ethyl Acetate	7.069	43	47210	19.463	ug/l #	93
38) Carbon Tetrachloride	7.899	117	90539	20.020	ug/l	96
39) Methylcyclohexane	9.179	83	106245	20.247	ug/l	90
40) Benzene	8.155	78	256811	19.978	ug/l	97

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41) Methacrylonitrile	7.301	41	23320m	17.741	ug/l	
42) 1,2-Dichloroethane	8.234	62	70907	19.907	ug/l	91
43) Isopropyl Acetate	8.270	43	85305	19.684	ug/l #	90
44) Trichloroethene	8.935	130	68489	19.661	ug/l	98
45) 1,2-Dichloropropane	9.209	63	64869	19.889	ug/l	99
46) Dibromomethane	9.301	93	36727	20.190	ug/l	95
47) Bromodichloromethane	9.496	83	87248	19.903	ug/l	96
48) Methyl methacrylate	9.289	41	39429	20.329	ug/l #	81
49) 1,4-Dioxane	9.289	88	10663	407.970	ug/l #	84
51) 4-Methyl-2-Pentanone	10.069	43	237054	98.082	ug/l	89
52) Toluene	10.240	92	160333	20.077	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	89329	19.615	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	103121	19.787	ug/l #	81
55) 1,1,2-Trichloroethane	10.642	97	52892	20.155	ug/l	98
56) Ethyl methacrylate	10.508	69	69385	19.907	ug/l #	76
57) 1,3-Dichloropropane	10.788	76	87939	19.490	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	117129	80.272	ug/l	96
59) 2-Hexanone	10.831	43	160650	96.765	ug/l	86
60) Dibromochloromethane	10.983	129	62227	19.941	ug/l	99
61) 1,2-Dibromoethane	11.087	107	49727	19.787	ug/l	98
64) Tetrachloroethene	10.715	164	64259	19.708	ug/l	93
65) Chlorobenzene	11.514	112	171750	19.973	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	62358	19.592	ug/l	97
67) Ethyl Benzene	11.593	91	303754	19.967	ug/l	98
68) m/p-Xylenes	11.697	106	236013	40.329	ug/l	95
69) o-Xylene	12.026	106	110800	19.939	ug/l	95
70) Styrene	12.044	104	188559	20.026	ug/l	96
71) Bromoform	12.209	173	38465	19.582	ug/l #	99
73) Isopropylbenzene	12.325	105	296241	20.276	ug/l	99
74) N-amyl acetate	12.142	43	72182	19.472	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.581	83	61410	20.027	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	44172m	19.347	ug/l	
77) Bromobenzene	12.605	156	67177	19.670	ug/l	98
78) n-propylbenzene	12.672	91	364057	20.480	ug/l	99
79) 2-Chlorotoluene	12.757	91	203244	20.302	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	251741	20.650	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	20896	19.684	ug/l	86
82) 4-Chlorotoluene	12.855	91	209719	20.120	ug/l	99
83) tert-Butylbenzene	13.074	119	214850	20.381	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	248500	20.672	ug/l	99
85) sec-Butylbenzene	13.251	105	324882	20.509	ug/l	99
86) p-Isopropyltoluene	13.367	119	265805	20.227	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	137883	20.229	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	135913	20.055	ug/l	99
89) n-Butylbenzene	13.696	91	248642	20.248	ug/l	99
90) Hexachloroethane	13.958	117	51685	19.929	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	122996	20.169	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9903	19.533	ug/l	85
93) 1,2,4-Trichlorobenzene	15.007	180	71104	19.509	ug/l	99
94) Hexachlorobutadiene	15.111	225	43257	20.164	ug/l	97
95) Naphthalene	15.233	128	141139	19.015	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	61491	19.339	ug/l	98

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

