

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101322\
 Data File : VY010952.D
 Acq On : 13 Oct 2022 12:41
 Operator : KP/MD
 Sample : VY1013SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1013SBS01

Quant Time: Oct 14 02:09:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 10/14/2022
 Supervised By :Mahesh Dadoda 10/14/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	236717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	378493	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	340661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	169694	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	122390	51.008	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.020%			
35) Dibromofluoromethane	7.716	113	121210	48.244	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.480%			
50) Toluene-d8	10.179	98	459562	53.485	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.980%			
62) 4-Bromofluorobenzene	12.483	95	159374	47.276	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 94.560%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	37341	22.770	ug/l	98
3) Chloromethane	2.113	50	54708	20.057	ug/l	95
4) Vinyl Chloride	2.247	62	61558	18.742	ug/l	98
5) Bromomethane	2.638	94	41758	17.917	ug/l	91
6) Chloroethane	2.784	64	41231	18.837	ug/l	99
7) Trichlorofluoromethane	3.119	101	89786	22.447	ug/l	95
8) Diethyl Ether	3.522	74	30330	23.570	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.893	101	55504	24.204	ug/l	93
10) Methyl Iodide	4.082	142	61300	19.997	ug/l	90
11) Tert butyl alcohol	4.942	59	35120	143.345	ug/l	99
12) 1,1-Dichloroethene	3.863	96	51217	22.885	ug/l	86
13) Acrolein	3.723	56	18435	102.889	ug/l	96
14) Allyl chloride	4.473	41	82183	24.531	ug/l #	87
15) Acrylonitrile	5.155	53	81566	130.112	ug/l	98
16) Acetone	3.942	43	73723	120.978	ug/l #	84
17) Carbon Disulfide	4.186	76	157156	21.729	ug/l	99
18) Methyl Acetate	4.473	43	43834	28.159	ug/l #	89
19) Methyl tert-butyl Ether	5.216	73	134811	23.011	ug/l	98
20) Methylene Chloride	4.704	84	80300	27.745	ug/l	84
21) trans-1,2-Dichloroethene	5.210	96	58608	22.427	ug/l	90
22) Diisopropyl ether	6.113	45	178650	24.314	ug/l	93
23) Vinyl Acetate	6.058	43	518834	116.574	ug/l	95
24) 1,1-Dichloroethane	6.015	63	106862	23.883	ug/l	99
25) 2-Butanone	6.978	43	107415	122.603	ug/l #	88
26) 2,2-Dichloropropane	6.978	77	94155	22.169	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	66220	22.833	ug/l	90
28) Bromochloromethane	7.332	49	21895	16.683	ug/l	92
29) Tetrahydrofuran	7.344	42	66396	128.872	ug/l	88
30) Chloroform	7.503	83	108413	23.478	ug/l	99
31) Cyclohexane	7.783	56	97272	22.649	ug/l	89
32) 1,1,1-Trichloroethane	7.698	97	94879	22.809	ug/l	97
36) 1,1-Dichloropropene	7.911	75	82888	22.853	ug/l	99
37) Ethyl Acetate	7.070	43	45906	25.792	ug/l	95
38) Carbon Tetrachloride	7.893	117	86407	22.873	ug/l	99
39) Methylcyclohexane	9.179	83	100209	22.493	ug/l	94
40) Benzene	8.155	78	241613	23.125	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	21710m	22.331	ug/l	
42) 1,2-Dichloroethane	8.234	62	68039	23.034	ug/l	92
43) Isopropyl Acetate	8.271	43	78389	24.334	ug/l #	90
44) Trichloroethene	8.935	130	64426	22.774	ug/l	95
45) 1,2-Dichloropropane	9.210	63	61128	24.269	ug/l	98
46) Dibromomethane	9.301	93	34097	23.667	ug/l	95
47) Bromodichloromethane	9.490	83	81650	23.484	ug/l	97
48) Methyl methacrylate	9.289	41	36730	24.276	ug/l #	83
49) 1,4-Dioxane	9.295	88	9311	525.008	ug/l #	86
51) 4-Methyl-2-Pentanone	10.069	43	222115	126.028	ug/l	90
52) Toluene	10.240	92	151358	22.762	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	83311	23.144	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	95500	23.167	ug/l #	81
55) 1,1,2-Trichloroethane	10.642	97	48438	23.961	ug/l	99
56) Ethyl methacrylate	10.508	69	61466	23.664	ug/l #	78
57) 1,3-Dichloropropane	10.789	76	82922	24.126	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	113586	102.068	ug/l	98
59) 2-Hexanone	10.831	43	154611	126.664	ug/l	87
60) Dibromochloromethane	10.984	129	57086	23.552	ug/l	100
61) 1,2-Dibromoethane	11.087	107	45623	23.669	ug/l	99
64) Tetrachloroethene	10.715	164	62246	23.045	ug/l	97
65) Chlorobenzene	11.514	112	160113	22.696	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	58226	22.581	ug/l	97
67) Ethyl Benzene	11.593	91	285888	22.518	ug/l	99
68) m/p-Xylenes	11.703	106	223813	45.045	ug/l	95
69) o-Xylene	12.026	106	103463	22.272	ug/l	93
70) Styrene	12.044	104	175253	22.385	ug/l	96
71) Bromoform	12.203	173	35697	23.257	ug/l #	100
73) Isopropylbenzene	12.331	105	276139	22.135	ug/l	99
74) N-amyl acetate	12.142	43	67060	23.389	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.581	83	56954	24.436	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	42390m	24.667	ug/l	
77) Bromobenzene	12.605	156	63675	22.250	ug/l	99
78) n-propylbenzene	12.672	91	342264	22.527	ug/l	99
79) 2-Chlorotoluene	12.758	91	191167	22.490	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	239354	22.685	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	19233	23.379	ug/l	87
82) 4-Chlorotoluene	12.855	91	199413	22.435	ug/l	100
83) tert-Butylbenzene	13.075	119	199717	22.202	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	236681	22.815	ug/l	99
85) sec-Butylbenzene	13.251	105	305164	22.537	ug/l	99
86) p-Isopropyltoluene	13.367	119	252472	22.224	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	129973	22.376	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	128073	22.267	ug/l	98
89) n-Butylbenzene	13.697	91	238027	22.769	ug/l	100
90) Hexachloroethane	13.959	117	49553	22.804	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	116025	22.917	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9276	24.750	ug/l	86
93) 1,2,4-Trichlorobenzene	15.007	180	66293	22.317	ug/l	99
94) Hexachlorobutadiene	15.111	225	40103	21.895	ug/l	98
95) Naphthalene	15.239	128	129830	22.932	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	57199	22.588	ug/l	99

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

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