

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102822\
 Data File : VY011174.D
 Acq On : 28 Oct 2022 23:21
 Operator : KP/MD
 Sample : VY1028SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1028SBS02

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/01/2022
 Supervised By :Mahesh Dadoda 11/01/2022

Quant Time: Oct 28 23:48:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 23:42:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	258028	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	435571	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	391010	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	186949	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	138168	51.786	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.580%			
35) Dibromofluoromethane	7.716	113	136917	51.115	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.240%			
50) Toluene-d8	10.179	98	542538	51.126	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.260%			
62) 4-Bromofluorobenzene	12.477	95	179109	51.583	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.160%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	28335	20.556	ug/l	97
3) Chloromethane	2.113	50	39591	21.699	ug/l	97
4) Vinyl Chloride	2.247	62	44484	20.300	ug/l	99
5) Bromomethane	2.644	94	32314	21.852	ug/l	98
6) Chloroethane	2.790	64	31335	20.643	ug/l	98
7) Trichlorofluoromethane	3.119	101	71664	19.650	ug/l	90
8) Diethyl Ether	3.528	74	27763	21.132	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.900	101	46251	20.081	ug/l	93
10) Methyl Iodide	4.082	142	52140	20.663	ug/l	91
11) Tert butyl alcohol	4.942	59	39210	150.187	ug/l	96
12) 1,1-Dichloroethene	3.869	96	42399	20.455	ug/l	83
13) Acrolein	3.723	56	20660	117.360	ug/l	97
14) Allyl chloride	4.479	41	67197	20.878	ug/l #	86
15) Acrylonitrile	5.155	53	73312	101.125	ug/l	97
16) Acetone	3.942	43	53329	81.693	ug/l #	84
17) Carbon Disulfide	4.192	76	109349	21.315	ug/l	100
18) Methyl Acetate	4.473	43	42968	23.692	ug/l #	90
19) Methyl tert-butyl Ether	5.216	73	126459	20.669	ug/l	95
20) Methylene Chloride	4.710	84	93570	32.342	ug/l	83
21) trans-1,2-Dichloroethene	5.216	96	49640	20.887	ug/l	87
22) Diisopropyl ether	6.113	45	158685	21.445	ug/l #	94
23) Vinyl Acetate	6.058	43	432843	102.893	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	95209	20.826	ug/l	98
25) 2-Butanone	6.984	43	89490	95.634	ug/l #	87
26) 2,2-Dichloropropane	6.978	77	78554	19.227	ug/l	95
27) cis-1,2-Dichloroethene	6.984	96	60072	20.863	ug/l	88
28) Bromochloromethane	7.332	49	42096	20.166	ug/l	85
29) Tetrahydrofuran	7.344	42	57879	103.813	ug/l #	86
30) Chloroform	7.503	83	99453	20.721	ug/l	99
31) Cyclohexane	7.783	56	75340	20.649	ug/l #	85
32) 1,1,1-Trichloroethane	7.698	97	84275	20.637	ug/l	96
36) 1,1-Dichloropropene	7.917	75	69715	19.964	ug/l	98
37) Ethyl Acetate	7.076	43	39171	19.826	ug/l #	93
38) Carbon Tetrachloride	7.899	117	74239	19.518	ug/l	99
39) Methylcyclohexane	9.179	83	77665	19.932	ug/l	91
40) Benzene	8.161	78	213895	20.459	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	21162m	20.496	ug/l	
42) 1,2-Dichloroethane	8.234	62	60168	20.227	ug/l	91
43) Isopropyl Acetate	8.271	43	70134	19.908	ug/l #	88
44) Trichloroethene	8.935	130	56308	20.039	ug/l	100
45) 1,2-Dichloropropane	9.216	63	55902	20.313	ug/l	95
46) Dibromomethane	9.301	93	30845	20.051	ug/l	95
47) Bromodichloromethane	9.496	83	77769	20.457	ug/l	98
48) Methyl methacrylate	9.295	41	30346	19.325	ug/l #	77
49) 1,4-Dioxane	9.295	88	8364	393.919	ug/l #	93
51) 4-Methyl-2-Pentanone	10.069	43	195749	98.547	ug/l #	87
52) Toluene	10.240	92	134178	20.504	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	74387	19.516	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	86521	20.026	ug/l #	80
55) 1,1,2-Trichloroethane	10.642	97	44921	19.618	ug/l	99
56) Ethyl methacrylate	10.508	69	55928	19.408	ug/l #	76
57) 1,3-Dichloropropane	10.789	76	76956	20.135	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	93118	84.817	ug/l	98
59) 2-Hexanone	10.831	43	130736	95.367	ug/l	85
60) Dibromochloromethane	10.984	129	54010	19.949	ug/l	100
61) 1,2-Dibromoethane	11.087	107	41732	20.079	ug/l	99
64) Tetrachloroethene	10.721	164	54356	20.147	ug/l	98
65) Chlorobenzene	11.514	112	146412	20.335	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	55299	19.795	ug/l	98
67) Ethyl Benzene	11.593	91	251960	20.032	ug/l	98
68) m/p-Xylenes	11.697	106	196572	41.006	ug/l	94
69) o-Xylene	12.026	106	93461	20.442	ug/l	94
70) Styrene	12.044	104	160799	20.579	ug/l	96
71) Bromoform	12.203	173	33638	19.651	ug/l #	100
73) Isopropylbenzene	12.325	105	247546	20.280	ug/l	99
74) N-amyl acetate	12.142	43	58718	19.597	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.581	83	54497	20.465	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	38313m	19.712	ug/l	
77) Bromobenzene	12.605	156	59556	20.745	ug/l	99
78) n-propylbenzene	12.666	91	301762	20.329	ug/l	99
79) 2-Chlorotoluene	12.752	91	172746	20.347	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	212091	20.623	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	17998	19.665	ug/l #	82
82) 4-Chlorotoluene	12.849	91	180221	20.463	ug/l	100
83) tert-Butylbenzene	13.075	119	183765	20.470	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	207926	20.540	ug/l	99
85) sec-Butylbenzene	13.251	105	274541	20.452	ug/l	99
86) p-Isopropyltoluene	13.367	119	222494	20.176	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	116453	19.981	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	116817	20.035	ug/l	98
89) n-Butylbenzene	13.697	91	204748	19.878	ug/l	100
90) Hexachloroethane	13.953	117	46006	19.971	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	106104	20.238	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8454	19.720	ug/l	83
93) 1,2,4-Trichlorobenzene	15.007	180	58741	19.578	ug/l	99
94) Hexachlorobutadiene	15.105	225	35595	19.645	ug/l	97
95) Naphthalene	15.233	128	115951	20.117	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	51722	19.803	ug/l	98

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

