

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100722\
 Data File : VY010862.D
 Acq On : 07 Oct 2022 11:29
 Operator : KP/MD
 Sample : VY1007SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1007SBS01

Manual Integrations
 APPROVED

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

Quant Time: Oct 08 04:45:38 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

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	241183	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	400678	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	353538	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	167172	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	135800	55.549	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.100%			
35) Dibromofluoromethane	7.710	113	128924	48.473	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.940%			
50) Toluene-d8	10.179	98	506905	55.729	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.460%			
62) 4-Bromofluorobenzene	12.477	95	165160	46.196	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 92.400%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	34120	20.420	ug/l	97
3) Chloromethane	2.113	50	57261	20.604	ug/l	97
4) Vinyl Chloride	2.247	62	63705	19.037	ug/l	100
5) Bromomethane	2.638	94	44668	18.811	ug/l	96
6) Chloroethane	2.784	64	42518	19.065	ug/l	100
7) Trichlorofluoromethane	3.119	101	86122	21.132	ug/l	93
8) Diethyl Ether	3.521	74	29419	22.439	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.887	101	51623	22.094	ug/l	94
10) Methyl Iodide	4.082	142	61849	19.802	ug/l	91
11) Tert butyl alcohol	4.948	59	30706	109.148	ug/l	100
12) 1,1-Dichloroethene	3.869	96	49287	21.615	ug/l	85
13) Acrolein	3.729	56	20917	116.334	ug/l	97
14) Allyl chloride	4.473	41	80074	23.459	ug/l #	90
15) Acrylonitrile	5.155	53	77759	121.743	ug/l	99
16) Acetone	3.942	43	64854	104.453	ug/l #	87
17) Carbon Disulfide	4.186	76	160052	21.720	ug/l	99
18) Methyl Acetate	4.473	43	41280	26.028	ug/l #	90
19) Methyl tert-butyl Ether	5.210	73	129714	21.731	ug/l	98
20) Methylene Chloride	4.710	84	70564	23.129	ug/l	84
21) trans-1,2-Dichloroethene	5.216	96	57364	21.544	ug/l	86
22) Diisopropyl ether	6.112	45	170673	22.799	ug/l	95
23) Vinyl Acetate	6.058	43	506299	111.651	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	104551	22.934	ug/l	99
25) 2-Butanone	6.984	43	98973	110.875	ug/l #	89
26) 2,2-Dichloropropane	6.978	77	88210	20.385	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	63266	21.410	ug/l	91
28) Bromochloromethane	7.332	49	21773	16.396	ug/l	93
29) Tetrahydrofuran	7.344	42	64709	123.272	ug/l	90
30) Chloroform	7.502	83	102813	21.853	ug/l	97
31) Cyclohexane	7.783	56	92594	21.160	ug/l	88
32) 1,1,1-Trichloroethane	7.698	97	89433	21.102	ug/l	97
36) 1,1-Dichloropropene	7.911	75	79583	20.727	ug/l	98
37) Ethyl Acetate	7.076	43	43303	22.983	ug/l #	95
38) Carbon Tetrachloride	7.893	117	81517	20.384	ug/l	99
39) Methylcyclohexane	9.179	83	93604	19.847	ug/l	95
40) Benzene	8.155	78	234468	21.199	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	20648	20.325	ug/l #	48
42) 1,2-Dichloroethane	8.234	62	65927	21.084	ug/l	92
43) Isopropyl Acetate	8.271	43	75709	22.201	ug/l #	92
44) Trichloroethene	8.935	130	61361	20.489	ug/l	99
45) 1,2-Dichloropropane	9.209	63	57724	21.649	ug/l	92
46) Dibromomethane	9.301	93	32369	21.224	ug/l	94
47) Bromodichloromethane	9.496	83	77795	21.136	ug/l	99
48) Methyl methacrylate	9.289	41	33445	20.881	ug/l #	83
49) 1,4-Dioxane	9.295	88	8681	462.383	ug/l #	86
51) 4-Methyl-2-Pentanone	10.069	43	210483	112.816	ug/l	91
52) Toluene	10.240	92	143222	20.346	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	78742	20.664	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	90938	20.839	ug/l #	84
55) 1,1,2-Trichloroethane	10.642	97	45545	21.282	ug/l	99
56) Ethyl methacrylate	10.508	69	58186	21.161	ug/l #	81
57) 1,3-Dichloropropane	10.788	76	78200	21.493	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	102451	90.782	ug/l	97
59) 2-Hexanone	10.831	43	142688	110.424	ug/l	89
60) Dibromochloromethane	10.984	129	53685	20.923	ug/l	99
61) 1,2-Dibromoethane	11.087	107	43502	21.319	ug/l	99
64) Tetrachloroethene	10.715	164	58520	20.876	ug/l	98
65) Chlorobenzene	11.514	112	150877	20.608	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	54641	20.419	ug/l	97
67) Ethyl Benzene	11.593	91	267698	20.317	ug/l	99
68) m/p-Xylenes	11.703	106	207627	40.265	ug/l	96
69) o-Xylene	12.026	106	96467	20.010	ug/l	94
70) Styrene	12.044	104	166879	20.539	ug/l	95
71) Bromoform	12.203	173	33484	21.021	ug/l #	98
73) Isopropylbenzene	12.331	105	256653	20.883	ug/l	99
74) N-amyl acetate	12.142	43	61618	21.816	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	52338	22.794	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	39188m	23.148	ug/l	
77) Bromobenzene	12.605	156	59271	21.023	ug/l	100
78) n-propylbenzene	12.666	91	317961	21.243	ug/l	100
79) 2-Chlorotoluene	12.752	91	177104	21.150	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	219518	21.119	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	17776	21.934	ug/l	89
82) 4-Chlorotoluene	12.855	91	182377	20.828	ug/l	99
83) tert-Butylbenzene	13.075	119	182610	20.607	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	217523	21.285	ug/l	100
85) sec-Butylbenzene	13.251	105	278156	20.852	ug/l	99
86) p-Isopropyltoluene	13.367	119	229765	20.530	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	118321	20.677	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	118159	20.853	ug/l	98
89) n-Butylbenzene	13.696	91	215546	20.929	ug/l	99
90) Hexachloroethane	13.959	117	45350	21.185	ug/l	87
91) 1,2-Dichlorobenzene	13.739	146	104389	20.930	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8281	22.428	ug/l	84
93) 1,2,4-Trichlorobenzene	15.007	180	57737	19.729	ug/l	99
94) Hexachlorobutadiene	15.111	225	35470	19.658	ug/l	98
95) Naphthalene	15.233	128	112634	20.194	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	49510	19.846	ug/l	99

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

