

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100224\
 Data File : VY019770.D
 Acq On : 02 Oct 2024 17:19
 Operator : SY/MD
 Sample : VY1002SBSD02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1002SBSD02

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/03/2024
 Supervised By :Mahesh Dadoda 10/03/2024

Quant Time: Oct 03 02:06:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	278113	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	490887	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	408200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	189650	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	141910	55.105	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	110.220%		
35) Dibromofluoromethane	7.634	113	140579	50.509	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.020%		
50) Toluene-d8	10.103	98	505421	49.096	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.200%		
62) 4-Bromofluorobenzene	12.402	95	182595	46.129	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	92.260%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	35521	20.992	ug/l	100
3) Chloromethane	2.068	50	42846	18.621	ug/l	100
4) Vinyl Chloride	2.208	62	50565	20.323	ug/l	97
5) Bromomethane	2.592	94	34920	22.849	ug/l	95
6) Chloroethane	2.739	64	37897	23.299	ug/l	98
7) Trichlorofluoromethane	3.062	101	89647	21.614	ug/l	97
8) Diethyl Ether	3.458	74	30009	21.555	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.818	101	55997	21.825	ug/l	96
10) Methyl Iodide	4.007	142	53938	16.397	ug/l	92
11) Tert butyl alcohol	4.860	59	33072	159.021	ug/l	99
12) 1,1-Dichloroethene	3.787	96	47017	19.055	ug/l	85
13) Acrolein	3.659	56	7377	62.960	ug/l	95
14) Allyl chloride	4.385	41	86685	19.590	ug/l #	91
15) Acrylonitrile	5.061	53	71696	119.433	ug/l	99
16) Acetone	3.873	43	75764	123.491	ug/l #	87
17) Carbon Disulfide	4.110	76	85541	12.831	ug/l	100
18) Methyl Acetate	4.391	43	36692	22.038	ug/l	89
19) Methyl tert-butyl Ether	5.116	73	159783	22.864	ug/l	99
20) Methylene Chloride	4.622	84	68049	24.321	ug/l	92
21) trans-1,2-Dichloroethene	5.116	96	51790	19.149	ug/l	89
22) Diisopropyl ether	6.025	45	210653	23.183	ug/l	93
23) Vinyl Acetate	5.964	43	580462	111.838	ug/l #	92
24) 1,1-Dichloroethane	5.915	63	116487	22.845	ug/l	98
25) 2-Butanone	6.896	43	108656	124.523	ug/l #	85
26) 2,2-Dichloropropane	6.890	77	105111	22.853	ug/l	94
27) cis-1,2-Dichloroethene	6.890	96	72054	21.932	ug/l	86
28) Bromochloromethane	7.244	49	49615	23.127	ug/l	81
29) Tetrahydrofuran	7.262	42	60253	113.569	ug/l #	86
30) Chloroform	7.421	83	125678	24.145	ug/l	100
31) Cyclohexane	7.701	56	83418	18.099	ug/l	91
32) 1,1,1-Trichloroethane	7.616	97	104982	22.502	ug/l	94
36) 1,1-Dichloropropene	7.835	75	75355	19.897	ug/l	96
37) Ethyl Acetate	6.988	43	42390	21.845	ug/l	99
38) Carbon Tetrachloride	7.817	117	87220	20.423	ug/l	99
39) Methylcyclohexane	9.109	83	88914	17.642	ug/l #	88
40) Benzene	8.079	78	240503	20.618	ug/l	97

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41) Methacrylonitrile	7.220	41	26089	23.064	ug/l #	85
42) 1,2-Dichloroethane	8.158	62	70954	22.605	ug/l	95
43) Isopropyl Acetate	8.195	43	90907	22.299	ug/l #	89
44) Trichloroethene	8.866	130	59848	19.950	ug/l	89
45) 1,2-Dichloropropane	9.140	63	63445	22.248	ug/l	98
46) Dibromomethane	9.231	93	33860	21.712	ug/l	95
47) Bromodichloromethane	9.420	83	96065	22.916	ug/l	99
48) Methyl methacrylate	9.219	41	40104	20.831	ug/l	84
49) 1,4-Dioxane	9.231	88	8073	439.743	ug/l #	90
51) 4-Methyl-2-Pentanone	9.993	43	228449	111.385	ug/l	92
52) Toluene	10.170	92	156814	20.903	ug/l	97
53) t-1,3-Dichloropropene	10.390	75	82071	20.538	ug/l	95
54) cis-1,3-Dichloropropene	9.853	75	95473	20.518	ug/l #	87
55) 1,1,2-Trichloroethane	10.573	97	49259	22.873	ug/l	96
56) Ethyl methacrylate	10.438	69	67736	20.705	ug/l #	77
57) 1,3-Dichloropropane	10.713	76	82959	22.410	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	146627	96.569	ug/l	98
59) 2-Hexanone	10.756	43	160940	107.033	ug/l	89
60) Dibromochloromethane	10.908	129	62961	22.101	ug/l	98
61) 1,2-Dibromoethane	11.012	107	42380	21.121	ug/l	100
64) Tetrachloroethene	10.646	164	52162	20.635	ug/l	96
65) Chlorobenzene	11.438	112	177491	22.105	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.511	131	62996	22.660	ug/l	98
67) Ethyl Benzene	11.518	91	312438	21.899	ug/l	100
68) m/p-Xylenes	11.627	106	228512	42.358	ug/l	91
69) o-Xylene	11.950	106	112805	21.381	ug/l	92
70) Styrene	11.963	104	192323	21.591	ug/l	95
71) Bromoform	12.127	173	33443	21.061	ug/l #	98
73) Isopropylbenzene	12.249	105	311789	22.662	ug/l	99
74) N-ethyl acetate	12.066	43	80192	21.431	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.505	83	58451	23.935	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	36756m	20.678	ug/l	
77) Bromobenzene	12.530	156	65368	21.422	ug/l	86
78) n-propylbenzene	12.591	91	368488	22.596	ug/l	98
79) 2-Chlorotoluene	12.676	91	213563	22.472	ug/l	96
80) 1,3,5-Trimethylbenzene	12.731	105	253254	22.642	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.298	75	17543	18.946	ug/l	87
82) 4-Chlorotoluene	12.773	91	223467	22.872	ug/l	94
83) tert-Butylbenzene	12.993	119	231747	22.887	ug/l	95
84) 1,2,4-Trimethylbenzene	13.036	105	247303	22.336	ug/l	97
85) sec-Butylbenzene	13.170	105	338615	23.019	ug/l	99
86) p-Isopropyltoluene	13.286	119	272700	22.659	ug/l	96
87) 1,3-Dichlorobenzene	13.279	146	135841	22.910	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	134550	22.865	ug/l	96
89) n-Butylbenzene	13.615	91	263068	22.864	ug/l	99
90) Hexachloroethane	13.877	117	56524	22.572	ug/l	88
91) 1,2-Dichlorobenzene	13.651	146	120895	22.849	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.267	75	9200	22.604	ug/l	78
93) 1,2,4-Trichlorobenzene	14.913	180	64597	20.073	ug/l	98
94) Hexachlorobutadiene	15.017	225	36834	21.425	ug/l	98
95) Naphthalene	15.139	128	125872	19.532	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	54325	19.735	ug/l	97

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

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