

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100124\
 Data File : VY019739.D
 Acq On : 01 Oct 2024 14:19
 Operator : SY/MD
 Sample : VY1001SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1001SBS02

Quant Time: Oct 01 17:08:43 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

Manual Integrations APPROVED

Reviewed By :Romaben Patel 10/02/2024
 Supervised By :Semsettin Yesilyurt 10/02/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	337122	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	572626	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	481246	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	224196	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	175743	56.298	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	112.600%	
35) Dibromofluoromethane	7.634	113	178351	54.933	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	109.860%	
50) Toluene-d8	10.103	98	643789	53.610	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	107.220%	
62) 4-Bromofluorobenzene	12.402	95	236672	51.256	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	102.520%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	40825	19.672	ug/l	99
3) Chloromethane	2.068	50	49610	17.786	ug/l	99
4) Vinyl Chloride	2.208	62	57792	19.162	ug/l	99
5) Bromomethane	2.598	94	39740	21.451	ug/l	100
6) Chloroethane	2.733	64	41333	20.964	ug/l	95
7) Trichlorofluoromethane	3.062	101	99915	19.873	ug/l	94
8) Diethyl Ether	3.458	74	32897	19.493	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.824	101	63102	20.289	ug/l	96
10) Methyl Iodide	4.007	142	61635	15.457	ug/l	92
11) Tert butyl alcohol	4.872	59	36570	145.061	ug/l	# 84
12) 1,1-Dichloroethene	3.793	96	53487	17.883	ug/l	86
13) Acrolein	3.659	56	11833	88.227	ug/l	99
14) Allyl chloride	4.385	41	102820	19.169	ug/l	# 92
15) Acrylonitrile	5.061	53	76148	104.646	ug/l	99
16) Acetone	3.873	43	106734	143.519	ug/l	90
17) Carbon Disulfide	4.110	76	106555	13.185	ug/l	99
18) Methyl Acetate	4.391	43	34727	17.207	ug/l	91
19) Methyl tert-butyl Ether	5.116	73	178454	21.066	ug/l	98
20) Methylene Chloride	4.616	84	79581	23.464	ug/l	# 86
21) trans-1,2-Dichloroethene	5.122	96	59444	18.132	ug/l	88
22) Diisopropyl ether	6.019	45	235483	21.379	ug/l	93
23) Vinyl Acetate	5.964	43	660548	104.992	ug/l	94
24) 1,1-Dichloroethane	5.915	63	131629	21.296	ug/l	98
25) 2-Butanone	6.896	43	131886	124.689	ug/l	# 87
26) 2,2-Dichloropropane	6.890	77	128654	23.076	ug/l	93
27) cis-1,2-Dichloroethene	6.896	96	80306	20.165	ug/l	83
28) Bromochloromethane	7.244	49	53141	20.434	ug/l	# 80
29) Tetrahydrofuran	7.262	42	62876	97.769	ug/l	86
30) Chloroform	7.421	83	140964	22.341	ug/l	97
31) Cyclohexane	7.701	56	96448	17.264	ug/l	91
32) 1,1,1-Trichloroethane	7.616	97	118495	20.952	ug/l	96
36) 1,1-Dichloropropene	7.835	75	85072	19.257	ug/l	97
37) Ethyl Acetate	6.988	43	48250	21.316	ug/l	96
38) Carbon Tetrachloride	7.823	117	100703	20.214	ug/l	97
39) Methylcyclohexane	9.109	83	102225	17.388	ug/l	90
40) Benzene	8.079	78	268731	19.749	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	26434	20.034	ug/l	87
42) 1,2-Dichloroethane	8.158	62	79490	21.710	ug/l	95
43) Isopropyl Acetate	8.195	43	99212	20.862	ug/l #	80
44) Trichloroethene	8.866	130	69091	19.743	ug/l	94
45) 1,2-Dichloropropane	9.140	63	71011	21.347	ug/l	96
46) Dibromomethane	9.231	93	37736	20.744	ug/l	94
47) Bromodichloromethane	9.420	83	105852	21.647	ug/l	99
48) Methyl methacrylate	9.219	41	42447	18.901	ug/l	84
49) 1,4-Dioxane	9.225	88	8714	406.904	ug/l #	88
51) 4-Methyl-2-Pentanone	9.993	43	249954	104.474	ug/l	91
52) Toluene	10.170	92	172239	19.682	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	95215	20.426	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	109389	20.153	ug/l #	88
55) 1,1,2-Trichloroethane	10.567	97	53561	21.321	ug/l	96
56) Ethyl methacrylate	10.438	69	76910	20.154	ug/l #	82
57) 1,3-Dichloropropane	10.713	76	92160	21.342	ug/l	99
59) 2-Hexanone	10.756	43	197372	112.526	ug/l	90
60) Dibromochloromethane	10.908	129	69840	21.016	ug/l	100
61) 1,2-Dibromoethane	11.012	107	46506	19.868	ug/l	99
64) Tetrachloroethene	10.646	164	55374	18.581	ug/l	91
65) Chlorobenzene	11.438	112	197445	20.857	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.511	131	71136	21.704	ug/l	98
67) Ethyl Benzene	11.518	91	347463	20.657	ug/l	98
68) m/p-Xylenes	11.621	106	257827	40.538	ug/l	93
69) o-Xylene	11.950	106	128623	20.679	ug/l	94
70) Styrene	11.969	104	215686	20.538	ug/l	95
71) Bromoform	12.127	173	38803	20.728	ug/l #	95
73) Isopropylbenzene	12.249	105	346945	21.331	ug/l	99
74) N-amyl acetate	12.066	43	90537	20.468	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.499	83	61985	21.471	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	39652m	18.870	ug/l	
77) Bromobenzene	12.530	156	74732	20.717	ug/l	88
78) n-propylbenzene	12.591	91	410595	21.298	ug/l	99
79) 2-Chlorotoluene	12.676	91	242242	21.562	ug/l	95
80) 1,3,5-Trimethylbenzene	12.731	105	279173	21.113	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.298	75	21582	19.716	ug/l	95
82) 4-Chlorotoluene	12.773	91	250078	21.651	ug/l	95
83) tert-Butylbenzene	12.993	119	263355	22.001	ug/l	96
84) 1,2,4-Trimethylbenzene	13.036	105	277061	21.168	ug/l	97
85) sec-Butylbenzene	13.170	105	375463	21.591	ug/l	100
86) p-Isopropyltoluene	13.286	119	307611	21.621	ug/l	96
87) 1,3-Dichlorobenzene	13.279	146	149741	21.363	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	147776	21.243	ug/l	96
89) n-Butylbenzene	13.615	91	293863	21.605	ug/l	99
90) Hexachloroethane	13.877	117	63758	21.537	ug/l	91
91) 1,2-Dichlorobenzene	13.651	146	133225	21.299	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.267	75	9797	20.362	ug/l	80
93) 1,2,4-Trichlorobenzene	14.913	180	74558	19.598	ug/l	96
94) Hexachlorobutadiene	15.017	225	41991	20.662	ug/l	97
95) Naphthalene	15.139	128	141150	18.527	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	62228	19.123	ug/l	98

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

