

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101424\
 Data File : VY019884.D
 Acq On : 14 Oct 2024 11:56
 Operator : SY/MD
 Sample : VY1014SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1014SBS01

Quant Time: Oct 15 01:33:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/15/2024
 Supervised By :Semsettin Yesilyurt 10/15/2024

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	286988	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	511012	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	442973	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	215154	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	194886	55.151	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.300%			
35) Dibromofluoromethane	7.640	113	185574	55.032	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.060%			
50) Toluene-d8	10.109	98	656078	52.685	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 105.380%			
62) 4-Bromofluorobenzene	12.401	95	239750	53.283	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 106.560%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.873	85	48103	18.005	ug/l	100
3) Chloromethane	2.074	50	68784	19.782	ug/l	98
4) Vinyl Chloride	2.208	62	73094	19.103	ug/l	99
5) Bromomethane	2.598	94	47520	19.621	ug/l	97
6) Chloroethane	2.739	64	49103	19.102	ug/l	97
7) Trichlorofluoromethane	3.062	101	107778	18.929	ug/l	94
8) Diethyl Ether	3.458	74	34268	19.803	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.830	101	65639	19.820	ug/l	91
10) Methyl Iodide	4.013	142	56153	16.765	ug/l	91
11) Tert butyl alcohol	4.854	59	36670	110.770	ug/l #	84
12) 1,1-Dichloroethene	3.799	96	55320	17.968	ug/l	83
13) Acrolein	3.659	56	27313	105.190	ug/l	95
14) Allyl chloride	4.391	41	107527	19.356	ug/l #	91
15) Acrylonitrile	5.061	53	87333	110.341	ug/l	98
16) Acetone	3.873	43	98031	106.570	ug/l #	80
17) Carbon Disulfide	4.110	76	128726	15.599	ug/l	99
18) Methyl Acetate	4.391	43	44678	22.547	ug/l #	88
19) Methyl tert-butyl Ether	5.128	73	179719	20.318	ug/l	99
20) Methylene Chloride	4.628	84	74794	21.547	ug/l #	89
21) trans-1,2-Dichloroethene	5.116	96	62725	18.719	ug/l	86
22) Diisopropyl ether	6.018	45	255869	21.146	ug/l #	87
23) Vinyl Acetate	5.964	43	707408	101.980	ug/l	94
24) 1,1-Dichloroethane	5.921	63	138940	20.657	ug/l	97
25) 2-Butanone	6.896	43	135756	110.256	ug/l #	78
26) 2,2-Dichloropropane	6.884	77	118851	19.841	ug/l	92
27) cis-1,2-Dichloroethene	6.896	96	85421	20.628	ug/l	83
28) Bromochloromethane	7.244	49	66566	22.485	ug/l #	73
29) Tetrahydrofuran	7.262	42	76767	109.194	ug/l #	82
30) Chloroform	7.427	83	143668	20.954	ug/l	98
31) Cyclohexane	7.707	56	106559	18.048	ug/l	95
32) 1,1,1-Trichloroethane	7.622	97	118528	19.726	ug/l	94
36) 1,1-Dichloropropene	7.841	75	91161	18.765	ug/l	95
37) Ethyl Acetate	6.988	43	56961	22.486	ug/l	95
38) Carbon Tetrachloride	7.817	117	101054	19.403	ug/l	98
39) Methylcyclohexane	9.109	83	106867	17.458	ug/l #	87
40) Benzene	8.085	78	289826	19.713	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	30533m	22.270	ug/l	
42) 1,2-Dichloroethane	8.158	62	87951	20.822	ug/l	94
43) Isopropyl Acetate	8.201	43	106325	20.581	ug/l #	77
44) Trichloroethene	8.866	130	68132	19.133	ug/l	95
45) 1,2-Dichloropropane	9.140	63	75472	20.509	ug/l	99
46) Dibromomethane	9.231	93	40949	20.367	ug/l	89
47) Bromodichloromethane	9.426	83	109886	20.590	ug/l	99
48) Methyl methacrylate	9.225	41	46743	20.569	ug/l #	82
49) 1,4-Dioxane	9.225	88	9776	434.426	ug/l #	94
51) 4-Methyl-2-Pentanone	9.999	43	277497	105.307	ug/l	88
52) Toluene	10.170	92	183986	20.047	ug/l	96
53) t-1,3-Dichloropropene	10.396	75	94027	19.582	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	110891	19.572	ug/l #	85
55) 1,1,2-Trichloroethane	10.573	97	53963	20.371	ug/l	91
56) Ethyl methacrylate	10.438	69	78072	20.540	ug/l #	75
57) 1,3-Dichloropropane	10.719	76	97121	20.877	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	180446	101.976	ug/l	92
59) 2-Hexanone	10.762	43	198720	105.585	ug/l	87
60) Dibromochloromethane	10.914	129	68067	20.020	ug/l	99
61) 1,2-Dibromoethane	11.011	107	46017	19.224	ug/l	97
64) Tetrachloroethene	10.646	164	56022	17.780	ug/l #	90
65) Chlorobenzene	11.438	112	199006	19.642	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.517	131	67623	19.727	ug/l	99
67) Ethyl Benzene	11.517	91	357101	19.403	ug/l	100
68) m/p-Xylenes	11.627	106	259364	38.157	ug/l	90
69) o-Xylene	11.956	106	126659	19.394	ug/l	92
70) Styrene	11.969	104	219312	19.904	ug/l	96
71) Bromoform	12.133	173	36626	19.959	ug/l #	99
73) Isopropylbenzene	12.255	105	343770	18.996	ug/l	98
74) N-amyl acetate	12.072	43	93172	19.438	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.505	83	68520	21.308	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	48865m	11.594	ug/l	
77) Bromobenzene	12.530	156	73677	19.185	ug/l	83
78) n-propylbenzene	12.597	91	425122	19.441	ug/l	97
79) 2-Chlorotoluene	12.682	91	241101	19.232	ug/l	95
80) 1,3,5-Trimethylbenzene	12.737	105	277967	19.019	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	18904	18.104	ug/l #	80
82) 4-Chlorotoluene	12.779	91	250672	19.556	ug/l	94
83) tert-Butylbenzene	12.999	119	258079	19.711	ug/l	95
84) 1,2,4-Trimethylbenzene	13.042	105	277671	19.163	ug/l	96
85) sec-Butylbenzene	13.176	105	379087	19.379	ug/l	98
86) p-Isopropyltoluene	13.292	119	300873	18.941	ug/l	96
87) 1,3-Dichlorobenzene	13.285	146	150643	19.424	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	148325	19.468	ug/l	96
89) n-Butylbenzene	13.615	91	302800	19.522	ug/l	97
90) Hexachloroethane	13.877	117	57159	18.480	ug/l	89
91) 1,2-Dichlorobenzene	13.657	146	135679	19.911	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10094	19.669	ug/l	73
93) 1,2,4-Trichlorobenzene	14.919	180	70176	18.366	ug/l	98
94) Hexachlorobutadiene	15.023	225	38843	18.285	ug/l	99
95) Naphthalene	15.145	128	129338	17.947	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	58472	18.103	ug/l	98

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

