

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100924\
 Data File : VY019836.D
 Acq On : 09 Oct 2024 16:41
 Operator : SY/MD
 Sample : VY1009SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1009SBS01

Quant Time: Oct 10 05:39:03 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 :Romaben Patel 10/10/2024
 Supervised By :Mahesh Dadoda 10/10/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	390768	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	691810	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	587903	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	277414	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	230606	47.928	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.860%		
35) Dibromofluoromethane	7.634	113	216538	47.432	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.860%		
50) Toluene-d8	10.103	98	797334	47.295	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	94.600%		
62) 4-Bromofluorobenzene	12.402	95	281888	46.276	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	92.560%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	64947	17.854	ug/l	91
3) Chloromethane	2.068	50	89776	18.962	ug/l	100
4) Vinyl Chloride	2.202	62	93008	17.851	ug/l	100
5) Bromomethane	2.592	94	64484	19.554	ug/l	97
6) Chloroethane	2.739	64	63335	18.095	ug/l	98
7) Trichlorofluoromethane	3.062	101	138955	17.924	ug/l	99
8) Diethyl Ether	3.452	74	44353	18.824	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	81722	18.123	ug/l	99
10) Methyl Iodide	4.007	142	77144	16.915	ug/l	99
11) Tert butyl alcohol	4.866	59	47345	111.750	ug/l #	90
12) 1,1-Dichloroethene	3.793	96	75215	17.942	ug/l	98
13) Acrolein	3.659	56	40478	114.491	ug/l	99
14) Allyl chloride	4.385	41	138205	18.272	ug/l	99
15) Acrylonitrile	5.061	53	103900	96.410	ug/l	99
16) Acetone	3.873	43	101442	80.991	ug/l	96
17) Carbon Disulfide	4.104	76	195239	17.375	ug/l	98
18) Methyl Acetate	4.385	43	50508	18.720	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	231381	19.212	ug/l	95
20) Methylene Chloride	4.616	84	93195	18.437	ug/l	95
21) trans-1,2-Dichloroethene	5.116	96	83857	18.379	ug/l	94
22) Diisopropyl ether	6.019	45	315030	19.121	ug/l	97
23) Vinyl Acetate	5.958	43	878822	93.045	ug/l	100
24) 1,1-Dichloroethane	5.909	63	171066	18.678	ug/l	99
25) 2-Butanone	6.897	43	151229	90.204	ug/l	100
26) 2,2-Dichloropropane	6.884	77	147993	18.145	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	104984	18.619	ug/l	99
28) Bromochloromethane	7.244	49	80800	20.044	ug/l	99
29) Tetrahydrofuran	7.262	42	90899	94.958	ug/l	99
30) Chloroform	7.421	83	179737	19.252	ug/l	95
31) Cyclohexane	7.701	56	142244	17.693	ug/l #	95
32) 1,1,1-Trichloroethane	7.616	97	150655	18.414	ug/l	99
36) 1,1-Dichloropropene	7.835	75	117304	17.836	ug/l	99
37) Ethyl Acetate	6.982	43	62516	18.229	ug/l	97
38) Carbon Tetrachloride	7.817	117	124860	17.709	ug/l	96
39) Methylcyclohexane	9.110	83	146183	17.640	ug/l	98
40) Benzene	8.079	78	366939	18.435	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	32055	17.270	ug/l #	89
42) 1,2-Dichloroethane	8.159	62	108769	19.021	ug/l	99
43) Isopropyl Acetate	8.201	43	128574	18.383	ug/l #	89
44) Trichloroethene	8.866	130	87592	18.169	ug/l	97
45) 1,2-Dichloropropane	9.140	63	91613	18.389	ug/l	98
46) Dibromomethane	9.231	93	49743	18.275	ug/l	99
47) Bromodichloromethane	9.420	83	131990	18.269	ug/l	97
48) Methyl methacrylate	9.219	41	57160	18.579	ug/l	97
49) 1,4-Dioxane	9.231	88	10576	347.153	ug/l	90
51) 4-Methyl-2-Pentanone	10.000	43	329281	92.302	ug/l	100
52) Toluene	10.170	92	229927	18.506	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	113315	17.431	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	139451	18.180	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	67528	18.830	ug/l	95
56) Ethyl methacrylate	10.439	69	95659	18.590	ug/l	99
57) 1,3-Dichloropropane	10.713	76	118256	18.777	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	233815	97.604	ug/l	98
59) 2-Hexanone	10.756	43	224925	88.276	ug/l	99
60) Dibromochloromethane	10.908	129	83774	18.200	ug/l	99
61) 1,2-Dibromoethane	11.012	107	60530	18.678	ug/l	100
64) Tetrachloroethene	10.646	164	77172	18.455	ug/l	96
65) Chlorobenzene	11.438	112	248748	18.499	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.512	131	85812	18.862	ug/l	97
67) Ethyl Benzene	11.518	91	451939	18.502	ug/l	99
68) m/p-Xylenes	11.627	106	330543	36.640	ug/l	100
69) o-Xylene	11.951	106	159442	18.395	ug/l	100
70) Styrene	11.969	104	270557	18.501	ug/l	99
71) Bromoform	12.127	173	44515	18.278	ug/l #	99
73) Isopropylbenzene	12.249	105	427375	18.315	ug/l	100
74) N-amyl acetate	12.066	43	110994	17.960	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	78059	18.827	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	52338m	18.118	ug/l	
77) Bromobenzene	12.530	156	91256	18.429	ug/l	98
78) n-propylbenzene	12.591	91	521277	18.488	ug/l	100
79) 2-Chlorotoluene	12.676	91	298686	18.478	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	343864	18.248	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	23913	17.761	ug/l	99
82) 4-Chlorotoluene	12.774	91	303579	18.368	ug/l	100
83) tert-Butylbenzene	12.993	119	307778	18.231	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	348291	18.642	ug/l	99
85) sec-Butylbenzene	13.176	105	461921	18.314	ug/l	99
86) p-Isopropyltoluene	13.286	119	377442	18.429	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	180275	18.028	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	179153	18.237	ug/l	98
89) n-Butylbenzene	13.615	91	366419	18.322	ug/l	99
90) Hexachloroethane	13.877	117	71824	18.009	ug/l	99
91) 1,2-Dichlorobenzene	13.658	146	159400	18.142	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11557	17.465	ug/l	95
93) 1,2,4-Trichlorobenzene	14.913	180	84382	17.127	ug/l	98
94) Hexachlorobutadiene	15.017	225	47486	17.337	ug/l	98
95) Naphthalene	15.145	128	160413	17.263	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	73009	17.530	ug/l	99

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

