

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102224\
 Data File : VY019971.D
 Acq On : 22 Oct 2024 11:16
 Operator : SY/MD
 Sample : VY1022SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBS01

Quant Time: Oct 23 01:24:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 10/23/2024
 Supervised By :Mahesh Dadoda 10/23/2024

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	215657	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	379714	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	332435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	160914	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	141380	53.243	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.480%			
35) Dibromofluoromethane	7.634	113	133012	53.084	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.160%			
50) Toluene-d8	10.109	98	475907	51.432	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.860%			
62) 4-Bromofluorobenzene	12.402	95	170290	50.932	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 101.860%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	33223	16.549	ug/l	98
3) Chloromethane	2.068	50	49488	18.940	ug/l	100
4) Vinyl Chloride	2.208	62	55873	19.432	ug/l	98
5) Bromomethane	2.598	94	37858	20.801	ug/l	100
6) Chloroethane	2.739	64	38712	20.041	ug/l	100
7) Trichlorofluoromethane	3.062	101	85347	19.948	ug/l	96
8) Diethyl Ether	3.452	74	25847	19.877	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.824	101	50745	20.391	ug/l	93
10) Methyl Iodide	4.007	142	41636	16.542	ug/l	91
11) Tert butyl alcohol	4.866	59	25021m	106.212	ug/l	
12) 1,1-Dichloroethene	3.793	96	42185	18.234	ug/l #	83
13) Acrolein	3.659	56	16151	82.776	ug/l	98
14) Allyl chloride	4.385	41	81015	19.408	ug/l #	89
15) Acrylonitrile	5.061	53	66986	112.627	ug/l	98
16) Acetone	3.873	43	78126	113.024	ug/l #	82
17) Carbon Disulfide	4.110	76	81763	13.185	ug/l	97
18) Methyl Acetate	4.385	43	31430	21.108	ug/l #	86
19) Methyl tert-butyl Ether	5.116	73	139186	20.941	ug/l	99
20) Methylene Chloride	4.622	84	56101	21.506	ug/l #	79
21) trans-1,2-Dichloroethene	5.116	96	45321	17.999	ug/l #	83
22) Diisopropyl ether	6.019	45	203752	22.409	ug/l	89
23) Vinyl Acetate	5.964	43	546717	104.884	ug/l #	89
24) 1,1-Dichloroethane	5.921	63	108940	21.554	ug/l	94
25) 2-Butanone	6.896	43	102585	110.874	ug/l #	86
26) 2,2-Dichloropropane	6.884	77	90383	20.079	ug/l	94
27) cis-1,2-Dichloroethene	6.890	96	62331	20.031	ug/l	80
28) Bromochloromethane	7.244	49	48033	21.591	ug/l #	70
29) Tetrahydrofuran	7.262	42	54967	104.047	ug/l #	83
30) Chloroform	7.421	83	112806	21.894	ug/l	97
31) Cyclohexane	7.701	56	80071	18.047	ug/l	89
32) 1,1,1-Trichloroethane	7.616	97	92780	20.548	ug/l #	93
36) 1,1-Dichloropropene	7.835	75	71236	19.734	ug/l	94
37) Ethyl Acetate	6.988	43	40100	21.303	ug/l	95
38) Carbon Tetrachloride	7.817	117	76692	19.817	ug/l	97
39) Methylcyclohexane	9.110	83	80260	17.646	ug/l #	87
40) Benzene	8.079	78	219502	20.092	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	19341	18.985	ug/l	92
42) 1,2-Dichloroethane	8.158	62	65423	20.844	ug/l	95
43) Isopropyl Acetate	8.195	43	79333	20.666	ug/l #	80
44) Trichloroethene	8.866	130	50367	19.035	ug/l	93
45) 1,2-Dichloropropane	9.140	63	59274	21.677	ug/l	98
46) Dibromomethane	9.231	93	30961	20.724	ug/l	89
47) Bromodichloromethane	9.420	83	86000	21.687	ug/l #	99
48) Methyl methacrylate	9.219	41	34794	20.605	ug/l #	80
49) 1,4-Dioxane	9.231	88	7330	438.363	ug/l #	93
51) 4-Methyl-2-Pentanone	10.000	43	217037	110.843	ug/l	90
52) Toluene	10.170	92	138788	20.352	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	72028	20.187	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	83472	19.826	ug/l #	80
55) 1,1,2-Trichloroethane	10.573	97	44204	22.457	ug/l	95
56) Ethyl methacrylate	10.439	69	58852	20.837	ug/l #	75
57) 1,3-Dichloropropane	10.713	76	74227	21.473	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	135351	102.941	ug/l	91
59) 2-Hexanone	10.762	43	158039	113.005	ug/l	86
60) Dibromochloromethane	10.914	129	52796	20.897	ug/l	100
61) 1,2-Dibromoethane	11.012	107	36218	20.362	ug/l	100
64) Tetrachloroethene	10.646	164	43834	18.538	ug/l	98
65) Chlorobenzene	11.438	112	153304	20.162	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.512	131	52074	20.242	ug/l	100
67) Ethyl Benzene	11.518	91	275703	19.961	ug/l	100
68) m/p-Xylenes	11.627	106	200508	39.306	ug/l	91
69) o-Xylene	11.950	106	94910	19.365	ug/l	87
70) Styrene	11.969	104	166953	20.190	ug/l	96
71) Bromoform	12.133	173	28091	20.398	ug/l #	92
73) Isopropylbenzene	12.255	105	267844	19.789	ug/l	98
74) N-amyl acetate	12.066	43	72695	20.278	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.505	83	53178	22.111	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	34549m	10.960	ug/l	
77) Bromobenzene	12.530	156	55338	19.267	ug/l	83
78) n-propylbenzene	12.591	91	329337	20.137	ug/l	97
79) 2-Chlorotoluene	12.676	91	186478	19.889	ug/l	95
80) 1,3,5-Trimethylbenzene	12.737	105	213940	19.572	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.298	75	15058	19.281	ug/l #	82
82) 4-Chlorotoluene	12.773	91	190256	19.845	ug/l	95
83) tert-Butylbenzene	12.993	119	202672	20.697	ug/l	95
84) 1,2,4-Trimethylbenzene	13.042	105	208163	19.208	ug/l	100
85) sec-Butylbenzene	13.176	105	302618	20.684	ug/l	96
86) p-Isopropyltoluene	13.292	119	239445	20.155	ug/l	95
87) 1,3-Dichlorobenzene	13.286	146	112443	19.386	ug/l	95
88) 1,4-Dichlorobenzene	13.365	146	111972	19.650	ug/l	97
89) n-Butylbenzene	13.615	91	237965	20.513	ug/l	98
90) Hexachloroethane	13.877	117	47683	20.612	ug/l	85
91) 1,2-Dichlorobenzene	13.657	146	103209	20.251	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	8010	20.869	ug/l	67
93) 1,2,4-Trichlorobenzene	14.919	180	51648	18.073	ug/l	98
94) Hexachlorobutadiene	15.023	225	31251	19.670	ug/l	96
95) Naphthalene	15.145	128	98435	18.263	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	44764	18.530	ug/l	96

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

