

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011224\
 Data File : VY016986.D
 Acq On : 12 Jan 2024 12:26
 Operator : SY/MD
 Sample : VY0112SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0112SBS01

Quant Time: Jan 13 00:03:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/15/2024
 Supervised By :Semsettin Yesilyurt 01/15/2024

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	112179	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	190855	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	162698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	70288	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	57070	51.473	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.940%			
35) Dibromofluoromethane	7.740	113	63771	52.435	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.860%			
50) Toluene-d8	10.197	98	223849	53.450	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.900%			
62) 4-Bromofluorobenzene	12.495	95	74229	52.534	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.060%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	18738	20.272	ug/l	97
3) Chloromethane	2.125	50	27586	20.934	ug/l	97
4) Vinyl Chloride	2.259	62	33046	21.260	ug/l	98
5) Bromomethane	2.662	94	24371	21.885	ug/l	97
6) Chloroethane	2.808	64	22961	21.837	ug/l	99
7) Trichlorofluoromethane	3.143	101	41996	21.927	ug/l	100
8) Diethyl Ether	3.540	74	12908	21.089	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.918	101	27740	22.276	ug/l	100
10) Methyl Iodide	4.113	142	21233	20.042	ug/l	97
11) Tert butyl alcohol	4.978	59	11518	126.383	ug/l	97
12) 1,1-Dichloroethene	3.893	96	22432	20.995	ug/l	94
13) Acrolein	3.747	56	12407	97.827	ug/l	98
14) Allyl chloride	4.503	41	35715	21.144	ug/l	98
15) Acrylonitrile	5.192	53	29617	103.450	ug/l	98
16) Acetone	3.966	43	38560	129.473	ug/l	95
17) Carbon Disulfide	4.216	76	45486	17.817	ug/l	97
18) Methyl Acetate	4.503	43	22239	18.722	ug/l	99
19) Methyl tert-butyl Ether	5.247	73	60429	21.739	ug/l	97
20) Methylene Chloride	4.741	84	34232	18.991	ug/l	97
21) trans-1,2-Dichloroethene	5.247	96	25521	20.855	ug/l	99
22) Diisopropyl ether	6.143	45	87550	22.420	ug/l	96
23) Vinyl Acetate	6.082	43	195099	108.959	ug/l	98
24) 1,1-Dichloroethane	6.045	63	52040	22.176	ug/l	99
25) 2-Butanone	7.002	43	45050	113.781	ug/l	97
26) 2,2-Dichloropropane	7.002	77	45709	22.465	ug/l	99
27) cis-1,2-Dichloroethene	7.009	96	32127	22.396	ug/l	99
28) Bromochloromethane	7.356	49	18980	21.544	ug/l	99
29) Tetrahydrofuran	7.368	42	21666	96.549	ug/l	99
30) Chloroform	7.527	83	54481	22.529	ug/l	99
31) Cyclohexane	7.807	56	38449	20.205	ug/l	96
32) 1,1,1-Trichloroethane	7.722	97	46026	22.446	ug/l	99
36) 1,1-Dichloropropene	7.941	75	37806	21.330	ug/l	100
37) Ethyl Acetate	7.094	43	16944	21.036	ug/l	100
38) Carbon Tetrachloride	7.923	117	39394	21.876	ug/l	98
39) Methylcyclohexane	9.203	83	40432	20.292	ug/l	99
40) Benzene	8.179	78	111780	21.023	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	9090	21.428	ug/l	96
42) 1,2-Dichloroethane	8.258	62	30710	21.757	ug/l	99
43) Isopropyl Acetate	8.289	43	31743	20.580	ug/l	100
44) Trichloroethene	8.959	130	29174	21.563	ug/l	93
45) 1,2-Dichloropropane	9.234	63	30026	21.920	ug/l	99
46) Dibromomethane	9.319	93	14556	20.836	ug/l	99
47) Bromodichloromethane	9.514	83	40745	21.720	ug/l	96
48) Methyl methacrylate	9.313	41	15936	19.144	ug/l	93
49) 1,4-Dioxane	9.319	88	3094	427.742	ug/l	95
51) 4-Methyl-2-Pentanone	10.087	43	82959	101.132	ug/l	99
52) Toluene	10.258	92	69421	21.635	ug/l	98
53) t-1,3-Dichloropropene	10.484	75	35278	20.995	ug/l	98
54) cis-1,3-Dichloropropene	9.947	75	42470	21.046	ug/l	98
55) 1,1,2-Trichloroethane	10.660	97	21606	21.170	ug/l	97
56) Ethyl methacrylate	10.526	69	17817	20.611	ug/l	97
57) 1,3-Dichloropropane	10.807	76	36330	21.321	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	44207	93.038	ug/l	98
59) 2-Hexanone	10.849	43	63382	104.934	ug/l	99
60) Dibromochloromethane	11.002	129	25333	21.524	ug/l	97
61) 1,2-Dibromoethane	11.105	107	18218	20.545	ug/l	96
64) Tetrachloroethene	10.734	164	23319	22.108	ug/l	95
65) Chlorobenzene	11.532	112	74457	21.968	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	28397	22.040	ug/l	99
67) Ethyl Benzene	11.611	91	134241	22.000	ug/l	99
68) m/p-Xylenes	11.721	106	99504	44.426	ug/l	99
69) o-Xylene	12.044	106	45286	21.568	ug/l	97
70) Styrene	12.063	104	67314	22.027	ug/l	99
71) Bromoform	12.227	173	13117	20.680	ug/l #	98
73) Isopropylbenzene	12.343	105	129694	22.596	ug/l	99
74) N-amyl acetate	12.160	43	24352	21.117	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.599	83	24454	20.910	ug/l	97
76) 1,2,3-Trichloropropane	12.648	75	15303m	20.063	ug/l	
77) Bromobenzene	12.623	156	27181	21.509	ug/l	99
78) n-propylbenzene	12.684	91	154407	22.128	ug/l	100
79) 2-Chlorotoluene	12.770	91	85709	22.150	ug/l	100
80) 1,3,5-Trimethylbenzene	12.825	105	103333	22.763	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.398	75	6592	19.625	ug/l	98
82) 4-Chlorotoluene	12.867	91	89455	22.629	ug/l	99
83) tert-Butylbenzene	13.087	119	88152	22.047	ug/l	96
84) 1,2,4-Trimethylbenzene	13.136	105	100886	22.567	ug/l	100
85) sec-Butylbenzene	13.270	105	135067	22.798	ug/l	100
86) p-Isopropyltoluene	13.385	119	109740	22.444	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	54135	21.842	ug/l	100
88) 1,4-Dichlorobenzene	13.459	146	53855	22.217	ug/l	99
89) n-Butylbenzene	13.709	91	105230	22.384	ug/l	99
90) Hexachloroethane	13.977	117	23581	22.444	ug/l	100
91) 1,2-Dichlorobenzene	13.757	146	46434	21.679	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	3125	21.309	ug/l	96
93) 1,2,4-Trichlorobenzene	15.019	180	23802	22.379	ug/l	98
94) Hexachlorobutadiene	15.129	225	14824	22.249	ug/l	98
95) Naphthalene	15.251	128	39683	22.143	ug/l	100
96) 1,2,3-Trichlorobenzene	15.440	180	20204	22.372	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

