

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122624\
 Data File : VY020711.D
 Acq On : 26 Dec 2024 11:51
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Dec 26 16:07:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 26 16:03:55 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/27/2024
 Supervised By :Semsettin Yesilyurt 12/27/2024

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	116833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	159804	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	137258	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	69727	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	106883	111.689	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 223.380%#			
35) Dibromofluoromethane	7.646	113	98131	111.484	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 222.960%#			
50) Toluene-d8	10.115	98	370174	103.831	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 207.660%#			
62) 4-Bromofluorobenzene	12.414	95	126890	108.473	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 216.940%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	89983	97.849	ug/l	98
3) Chloromethane	2.074	50	36325	105.914	ug/l	97
4) Vinyl Chloride	2.214	62	42335	99.628	ug/l	99
5) Bromomethane	2.605	94	32346	100.819	ug/l	92
6) Chloroethane	2.745	64	25930	101.721	ug/l	92
7) Trichlorofluoromethane	3.074	101	160967	98.505	ug/l	97
8) Diethyl Ether	3.464	74	40852	105.059	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.824	101	89952	100.269	ug/l	98
10) Methyl Iodide	4.019	142	105224	107.262	ug/l	99
11) Tert butyl alcohol	4.872	59	27117	471.856	ug/l #	76
12) 1,1-Dichloroethene	3.799	96	80482	100.793	ug/l	98
13) Acrolein	3.665	56	6965	348.166	ug/l	98
14) Allyl chloride	4.397	41	96335	103.097	ug/l	97
15) Acrylonitrile	5.074	53	74874	498.444	ug/l	98
16) Acetone	3.879	43	53244	438.581	ug/l	99
17) Carbon Disulfide	4.116	76	207648	106.011	ug/l	99
18) Methyl Acetate	4.397	43	32722	99.589	ug/l	99
19) Methyl tert-butyl Ether	5.128	73	222187	99.833	ug/l	100
20) Methylene Chloride	4.629	84	78882	99.904	ug/l	95
21) trans-1,2-Dichloroethene	5.128	96	88224	102.532	ug/l	97
22) Diisopropyl ether	6.037	45	191362	100.743	ug/l	97
23) Vinyl Acetate	5.976	43	574176	506.073	ug/l	100
24) 1,1-Dichloroethane	5.927	63	144777	101.659	ug/l	99
25) 2-Butanone	6.903	43	78288	477.386	ug/l	97
26) 2,2-Dichloropropane	6.896	77	169441	97.206	ug/l	99
27) cis-1,2-Dichloroethene	6.903	96	104390	101.307	ug/l	97
28) Bromochloromethane	7.256	49	42948	114.037	ug/l	95
29) Tetrahydrofuran	7.274	42	48175	478.582	ug/l	94
30) Chloroform	7.433	83	178101	97.216	ug/l	97
31) Cyclohexane	7.713	56	111954	91.072	ug/l	98
32) 1,1,1-Trichloroethane	7.628	97	194164	98.873	ug/l	99
36) 1,1-Dichloropropene	7.848	75	118213	101.669	ug/l	99
37) Ethyl Acetate	6.994	43	37453	97.751	ug/l	97
38) Carbon Tetrachloride	7.829	117	193743	101.190	ug/l	98
39) Methylcyclohexane	9.116	83	151388	101.582	ug/l	96
40) Benzene	8.091	78	346286	102.763	ug/l	99

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Quant Title : SW846 8260

QLast Update : Thu Dec 26 16:03:55 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	20832	107.636	ug/l	96
42) 1,2-Dichloroethane	8.165	62	111130	102.849	ug/l	99
43) Isopropyl Acetate	8.207	43	83521	102.557	ug/l #	86
44) Trichloroethene	8.872	130	101237	100.585	ug/l	95
45) 1,2-Dichloropropane	9.146	63	67508	98.968	ug/l	98
46) Dibromomethane	9.238	93	47179	99.962	ug/l	99
47) Bromodichloromethane	9.427	83	134627	100.613	ug/l	96
48) Methyl methacrylate	9.225	41	39672	104.314	ug/l	97
49) 1,4-Dioxane	9.244	88	9130	2030.846	ug/l	97
51) 4-Methyl-2-Pentanone	10.006	43	194141	493.895	ug/l	99
52) Toluene	10.176	92	236867	102.558	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	123413	105.012	ug/l	99
54) cis-1,3-Dichloropropene	9.865	75	132154	102.590	ug/l	97
55) 1,1,2-Trichloroethane	10.579	97	60063	99.697	ug/l	99
56) Ethyl methacrylate	10.445	69	82573	104.330	ug/l	98
57) 1,3-Dichloropropane	10.725	76	100785	103.074	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.719	63	151207	547.868	ug/l	99
59) 2-Hexanone	10.768	43	132885	512.015	ug/l	99
60) Dibromochloromethane	10.920	129	99612	102.326	ug/l	99
61) 1,2-Dibromoethane	11.024	107	56939	100.443	ug/l	100
64) Tetrachloroethene	10.652	164	95043	101.351	ug/l	97
65) Chlorobenzene	11.451	112	270485	100.641	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.524	131	105235	101.066	ug/l	98
67) Ethyl Benzene	11.524	91	478506	101.867	ug/l	99
68) m/p-Xylenes	11.633	106	366100	204.314	ug/l	100
69) o-Xylene	11.963	106	173536	101.366	ug/l	99
70) Styrene	11.975	104	294999	102.647	ug/l	99
71) Bromoform	12.139	173	60872	101.685	ug/l #	98
73) Isopropylbenzene	12.261	105	484532	100.300	ug/l	100
74) N-amyl acetate	12.078	43	72233	105.221	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	60116	97.073	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	39557m	71.921	ug/l	
77) Bromobenzene	12.542	156	112291	100.978	ug/l	97
78) n-propylbenzene	12.603	91	544130	100.496	ug/l	100
79) 2-Chlorotoluene	12.688	91	310413	100.568	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	404786	100.572	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	23063	102.794	ug/l	97
82) 4-Chlorotoluene	12.786	91	322204	101.007	ug/l	99
83) tert-Butylbenzene	13.005	119	374773	99.709	ug/l	100
84) 1,2,4-Trimethylbenzene	13.048	105	399805	102.079	ug/l	100
85) sec-Butylbenzene	13.182	105	509425	100.564	ug/l	99
86) p-Isopropyltoluene	13.298	119	454433	100.661	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	220131	101.283	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	216013	99.911	ug/l	98
89) n-Butylbenzene	13.627	91	384958	102.152	ug/l	100
90) Hexachloroethane	13.889	117	87162	101.535	ug/l	97
91) 1,2-Dichlorobenzene	13.670	146	187803	100.778	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	12047	100.298	ug/l	98
93) 1,2,4-Trichlorobenzene	14.932	180	131697	111.184	ug/l	100
94) Hexachlorobutadiene	15.029	225	91705	106.228	ug/l	98
95) Naphthalene	15.151	128	210953	111.196	ug/l	100
96) 1,2,3-Trichlorobenzene	15.340	180	109793	111.325	ug/l	99

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

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