

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122624\
 Data File : VY020713.D
 Acq On : 26 Dec 2024 12:51
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY122624

Quant Time: Dec 26 16:15:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 26 16:12:28 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	116912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	160856	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	136421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.358	152	70383	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	50667	52.910	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	105.820%	
35) Dibromofluoromethane	7.646	113	46763	52.779	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	105.560%	
50) Toluene-d8	10.115	98	184089	52.171	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	104.340%	
62) 4-Bromofluorobenzene	12.413	95	62660	53.215	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	106.440%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	43692	47.479	ug/l	98
3) Chloromethane	2.080	50	18877	55.003	ug/l	99
4) Vinyl Chloride	2.214	62	21107	49.638	ug/l	97
5) Bromomethane	2.610	94	16385	51.036	ug/l	92
6) Chloroethane	2.750	64	13110	51.394	ug/l	100
7) Trichlorofluoromethane	3.074	101	79960	48.899	ug/l	100
8) Diethyl Ether	3.470	74	19539	50.215	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.830	101	43422	48.370	ug/l	98
10) Methyl Iodide	4.019	142	50185	51.123	ug/l	99
11) Tert butyl alcohol	4.878	59	12665	208.224	ug/l #	85
12) 1,1-Dichloroethene	3.805	96	39605	49.566	ug/l	99
13) Acrolein	3.677	56	2881	143.918	ug/l	97
14) Allyl chloride	4.403	41	47747	51.064	ug/l	96
15) Acrylonitrile	5.073	53	34113	226.940	ug/l	99
16) Acetone	3.878	43	25249	207.840	ug/l	99
17) Carbon Disulfide	4.122	76	103010	52.554	ug/l	99
18) Methyl Acetate	4.403	43	15970	48.572	ug/l	100
19) Methyl tert-butyl Ether	5.134	73	106703	47.911	ug/l	100
20) Methylene Chloride	4.628	84	39747	50.306	ug/l	90
21) trans-1,2-Dichloroethene	5.134	96	43912	50.999	ug/l	98
22) Diisopropyl ether	6.030	45	95914	50.460	ug/l	98
23) Vinyl Acetate	5.976	43	275873	242.987	ug/l	100
24) 1,1-Dichloroethane	5.933	63	72030	50.544	ug/l	99
25) 2-Butanone	6.908	43	36966	225.260	ug/l	97
26) 2,2-Dichloropropane	6.902	77	82553	47.328	ug/l	100
27) cis-1,2-Dichloroethene	6.908	96	51212	49.666	ug/l	98
28) Bromochloromethane	7.262	49	20413	54.165	ug/l	90
29) Tetrahydrofuran	7.280	42	22616	224.521	ug/l	95
30) Chloroform	7.433	83	88644	48.353	ug/l	95
31) Cyclohexane	7.713	56	55329	44.979	ug/l	94
32) 1,1,1-Trichloroethane	7.634	97	95277	48.484	ug/l	99
36) 1,1-Dichloropropene	7.847	75	57746	49.340	ug/l	99
37) Ethyl Acetate	7.000	43	18046	46.791	ug/l	97
38) Carbon Tetrachloride	7.829	117	94603	49.087	ug/l	98
39) Methylcyclohexane	9.121	83	76295	50.860	ug/l	95
40) Benzene	8.091	78	173716	51.214	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.237	41	9136	46.896	ug/l	94
42) 1,2-Dichloroethane	8.170	62	52925	48.661	ug/l	99
43) Isopropyl Acetate	8.207	43	38101	46.479	ug/l	97
44) Trichloroethene	8.877	130	50355	49.703	ug/l	92
45) 1,2-Dichloropropane	9.152	63	34051	49.593	ug/l	99
46) Dibromomethane	9.237	93	22170	46.666	ug/l	97
47) Bromodichloromethane	9.432	83	65991	48.995	ug/l	94
48) Methyl methacrylate	9.231	41	17544	45.829	ug/l	99
49) 1,4-Dioxane	9.237	88	4519	998.617	ug/l	96
51) 4-Methyl-2-Pentanone	10.005	43	91062	230.147	ug/l	99
52) Toluene	10.182	92	119622	51.455	ug/l	98
53) t-1,3-Dichloropropene	10.402	75	57734	48.805	ug/l	99
54) cis-1,3-Dichloropropene	9.865	75	64766	49.949	ug/l	98
55) 1,1,2-Trichloroethane	10.578	97	29233	48.206	ug/l	99
56) Ethyl methacrylate	10.444	69	37050	46.506	ug/l	99
57) 1,3-Dichloropropane	10.725	76	48458	49.234	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.719	63	67974	244.679	ug/l	97
59) 2-Hexanone	10.767	43	59853	229.110	ug/l	97
60) Dibromochloromethane	10.920	129	47597	48.574	ug/l	100
61) 1,2-Dibromoethane	11.023	107	27610	48.387	ug/l	100
64) Tetrachloroethene	10.658	164	46724	50.131	ug/l	95
65) Chlorobenzene	11.450	112	133203	49.866	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.523	131	52397	50.630	ug/l	98
67) Ethyl Benzene	11.529	91	238810	51.151	ug/l	98
68) m/p-Xylenes	11.639	106	183706	103.152	ug/l	98
69) o-Xylene	11.962	106	86833	51.032	ug/l	99
70) Styrene	11.981	104	144868	50.717	ug/l	99
71) Bromoform	12.139	173	28995	48.733	ug/l #	98
73) Isopropylbenzene	12.261	105	242449	49.720	ug/l	99
74) N-ethyl acetate	12.078	43	33272	48.015	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	29166	46.657	ug/l	99
76) 1,2,3-Trichloropropane	12.566	75	20390m	45.549	ug/l	
77) Bromobenzene	12.541	156	56640	50.459	ug/l	96
78) n-propylbenzene	12.602	91	273917	50.119	ug/l	99
79) 2-Chlorotoluene	12.688	91	154710	49.656	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	205116	50.488	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	11017	48.646	ug/l	94
82) 4-Chlorotoluene	12.785	91	161536	50.168	ug/l	99
83) tert-Butylbenzene	13.005	119	188052	49.565	ug/l	99
84) 1,2,4-Trimethylbenzene	13.054	105	203012	51.350	ug/l	99
85) sec-Butylbenzene	13.188	105	258622	50.578	ug/l	99
86) p-Isopropyltoluene	13.303	119	230385	50.557	ug/l	100
87) 1,3-Dichlorobenzene	13.297	146	108941	49.657	ug/l	97
88) 1,4-Dichlorobenzene	13.377	146	107603	49.305	ug/l	98
89) n-Butylbenzene	13.627	91	194314	51.082	ug/l	99
90) Hexachloroethane	13.889	117	42996	49.619	ug/l	100
91) 1,2-Dichlorobenzene	13.669	146	95132	50.573	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	5601	46.197	ug/l	95
93) 1,2,4-Trichlorobenzene	14.931	180	62409	52.197	ug/l	99
94) Hexachlorobutadiene	15.035	225	44277	50.811	ug/l	98
95) Naphthalene	15.157	128	94983	49.600	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	51411	51.643	ug/l	100

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

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