

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121724\
 Data File : VY020619.D
 Acq On : 17 Dec 2024 14:51
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
 Supervised By :Semsettin Yesilyurt 12/18/2024

Quant Time: Dec 18 04:55:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 04:39:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	167036	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	257526	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	219786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	120870	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	10628	5.810	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	11.620%#		
35) Dibromofluoromethane	7.634	113	10393	5.726	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	11.460%#		
50) Toluene-d8	10.109	98	37211	5.858	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	11.720%#		
62) 4-Bromofluorobenzene	12.408	95	15073	6.066	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	12.140%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	11112	5.326	ug/l	100
3) Chloromethane	2.074	50	9266	5.994	ug/l	89
4) Vinyl Chloride	2.208	62	8140	5.657	ug/l	91
5) Bromomethane	2.599	94	5462	5.906	ug/l	84
6) Chloroethane	2.739	64	5039	5.667	ug/l	97
7) Trichlorofluoromethane	3.068	101	16587	5.509	ug/l	89
8) Diethyl Ether	3.464	74	5733	5.430	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.818	101	11901	5.515	ug/l	98
10) Methyl Iodide	4.007	142	11197	4.660	ug/l	98
11) Tert butyl alcohol	4.848	59	7794	12.197	ug/l #	86
12) 1,1-Dichloroethene	3.787	96	11147	5.324	ug/l	85
13) Acrolein	3.659	56	2720	31.444	ug/l	97
14) Allyl chloride	4.385	41	19430	5.296	ug/l	98
15) Acrylonitrile	5.061	53	12057	23.869	ug/l	98
16) Acetone	3.873	43	14032	33.023	ug/l	94
17) Carbon Disulfide	4.110	76	35780	5.250	ug/l	97
18) Methyl Acetate	4.391	43	6311	5.070	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	25765	4.768	ug/l	93
20) Methylene Chloride	4.616	84	12792	5.624	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	11813	5.030	ug/l	93
22) Diisopropyl ether	6.019	45	37011	4.970	ug/l #	88
23) Vinyl Acetate	5.964	43	98112	23.261	ug/l	98
24) 1,1-Dichloroethane	5.915	63	22261	5.102	ug/l	96
25) 2-Butanone	6.897	43	19017	27.972	ug/l	94
26) 2,2-Dichloropropane	6.878	77	24236	5.876	ug/l	93
27) cis-1,2-Dichloroethene	6.890	96	13806	5.109	ug/l	93
28) Bromochloromethane	7.244	49	7129	4.844	ug/l	96
29) Tetrahydrofuran	7.268	42	9729	22.669	ug/l	97
30) Chloroform	7.421	83	34563	2.901	ug/l	98
31) Cyclohexane	7.707	56	24108	5.779	ug/l #	85
32) 1,1,1-Trichloroethane	7.622	97	20368	5.082	ug/l	99
36) 1,1-Dichloropropene	7.835	75	17712	5.352	ug/l	98
37) Ethyl Acetate	6.988	43	7613	4.890	ug/l	96
38) Carbon Tetrachloride	7.817	117	18792	5.132	ug/l	96
39) Methylcyclohexane	9.110	83	22745	5.273	ug/l	94
40) Benzene	8.079	78	49636	5.117	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	3782m	4.595	ug/l	
42) 1,2-Dichloroethane	8.159	62	12917	5.020	ug/l	95
43) Isopropyl Acetate	8.195	43	13361	4.533	ug/l #	86
44) Trichloroethene	8.866	130	12384	5.195	ug/l	88
45) 1,2-Dichloropropane	9.146	63	11378	5.019	ug/l	96
46) Dibromomethane	9.231	93	5965	4.978	ug/l	99
47) Bromodichloromethane	9.420	83	16115	4.979	ug/l	98
48) Methyl methacrylate	9.219	41	6545	4.671	ug/l	93
49) 1,4-Dioxane	9.225	88	1268	92.278	ug/l #	82
51) 4-Methyl-2-Pentanone	10.000	43	38280	24.607	ug/l	98
52) Toluene	10.170	92	30294	5.025	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	13747	4.558	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	17025	4.764	ug/l	95
55) 1,1,2-Trichloroethane	10.573	97	7935	5.009	ug/l	93
56) Ethyl methacrylate	10.439	69	10000	4.351	ug/l	98
57) 1,3-Dichloropropane	10.719	76	13754	4.870	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	23872	24.686	ug/l	100
59) 2-Hexanone	10.762	43	23164	23.192	ug/l	99
60) Dibromochloromethane	10.914	129	10207	4.818	ug/l	98
61) 1,2-Dibromoethane	11.018	107	7143	4.847	ug/l	100
64) Tetrachloroethene	10.646	164	11707	5.663	ug/l	96
65) Chlorobenzene	11.445	112	31674	5.154	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	10526	5.009	ug/l	94
67) Ethyl Benzene	11.518	91	57861	5.103	ug/l	100
68) m/p-Xylenes	11.627	106	43257	10.262	ug/l	100
69) o-Xylene	11.957	106	19639	4.993	ug/l	99
70) Styrene	11.969	104	32495	4.945	ug/l	99
71) Bromoform	12.133	173	5762	4.877	ug/l #	98
73) Isopropylbenzene	12.255	105	53196	5.043	ug/l	100
74) N-amyl acetate	12.072	43	10480	4.245	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	8331	4.866	ug/l	97
76) 1,2,3-Trichloropropane	12.560	75	6432m	5.167	ug/l	
77) Bromobenzene	12.536	156	11774	5.124	ug/l	98
78) n-propylbenzene	12.597	91	64140	5.047	ug/l	97
79) 2-Chlorotoluene	12.682	91	36508	5.106	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	43711	5.107	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	2558	4.276	ug/l	90
82) 4-Chlorotoluene	12.780	91	39447	5.318	ug/l	98
83) tert-Butylbenzene	12.999	119	38538	4.972	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	41754	4.974	ug/l	97
85) sec-Butylbenzene	13.176	105	58088	5.154	ug/l	100
86) p-Isopropyltoluene	13.292	119	46384	4.992	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	23757	5.238	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	24276	5.404	ug/l	94
89) n-Butylbenzene	13.621	91	43817	4.976	ug/l	99
90) Hexachloroethane	13.883	117	9361	5.084	ug/l	100
91) 1,2-Dichlorobenzene	13.664	146	20478	5.211	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	1404	5.051	ug/l	89
93) 1,2,4-Trichlorobenzene	14.926	180	11648	4.900	ug/l	98
94) Hexachlorobutadiene	15.029	225	8059	5.186	ug/l	99
95) Naphthalene	15.151	128	17365	4.261	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	9821	4.890	ug/l	99

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

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