

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030222\
 Data File : BM034115.D
 Acq On : 02 Mar 2022 13:26
 Operator : CG/JU
 Sample : N1331-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-QT1-2022-02

Quant Time: Mar 02 13:57:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 01 03:48:18 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/04/2022
 Supervised By :mohammad ahmed 03/07/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.995	152	118233	20.000	ng/u1	0.00
20) Naphthalene-d8	10.813	136	432912	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.636	164	281875	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.371	188	595828	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.542	240	620202	20.000	ng/u1	# 0.00
88) Perylene-d12	23.988	264	682578	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	13449	5.245	ng/uL	0.00
4) Pyridine-d5	3.796	84	152063	22.567	ng/u1	0.00
7) Phenol-d5	7.143	99	188427	22.314	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.319	67	108392	23.122	ng/u1	0.00
11) 2-Chlorophenol-d4	7.525	132	173002	23.765	ng/u1	0.00
15) 4-Methylphenol-d8	8.695	113	156393	21.759	ng/u1	0.00
21) Nitrobenzene-d5	9.160	128	80881	24.734	ng/u1	0.00
24) 2-Nitrophenol-d4	9.884	143	87784	23.617	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.425	165	177239	23.562	ng/u1	0.00
31) 4-Chloroaniline-d4	10.936	131	218622	23.046	ng/u1	0.00
46) Dimethylphthalate-d6	14.036	166	526702	24.696	ng/u1	0.00
49) Acenaphthylene-d8	14.324	160	645821	24.863	ng/u1	0.00
54) 4-Nitrophenol-d4	14.807	143	77247	21.146	ng/u1	0.00
60) Fluorene-d10	15.624	176	460392	24.976	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.724	200	76784	19.739	ng/u1	0.00
73) Anthracene-d10	17.471	188	705301	24.479	ng/u1	0.00
81) Pyrene-d10	19.759	212	804515	24.063	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.830	264	861623	24.770	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.413	88	2860	1.136	ng/uL#	65
5) Pyridine	3.819	79	27558	4.007	ng/u1	87
6) Benzaldehyde	7.125	77	21003m	4.380	ng/u1	
8) Phenol	7.172	94	32949	3.997	ng/u1	87
10) Bis(2-Chloroethyl)ether	7.407	93	26295	4.049	ng/u1#	84
12) 2-Chlorophenol	7.554	128	30617	4.238	ng/u1#	82
13) 2-Methylphenol	8.437	108	23460	3.621	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.525	45	29719	4.194	ng/u1#	91
16) Acetophenone	8.819	105	43559	3.897	ng/u1#	82
17) N-Nitroso-di-n-propyla...	8.807	70	19275	3.781	ng/u1#	84
18) 4-Methylphenol	8.760	108	27041	3.848	ng/u1	98
19) Hexachloroethane	9.089	117	12769	4.220	ng/u1#	62
22) Nitrobenzene	9.201	77	31878	4.545	ng/u1#	87
23) Isophorone	9.731	82	50387	3.896	ng/u1#	88
25) 2-Nitrophenol	9.913	139	16431	4.282	ng/u1#	79
26) 2,4-Dimethylphenol	9.972	107	32762	4.263	ng/u1#	90
27) Bis(2-Chloroethoxy)met...	10.213	93	32691	4.169	ng/u1#	95
29) 2,4-Dichlorophenol	10.454	162	30179	4.177	ng/u1	95
30) Naphthalene	10.860	128	94097	4.337	ng/u1	100
32) 4-Chloroaniline	10.960	127	38648	4.121	ng/u1	97
33) Hexachlorobutadiene	11.160	225	25099	4.523	ng/u1	97
34) Caprolactam	11.725	113	7607	3.877	ng/u1#	51
35) 4-Chloro-3-methylphenol	12.083	107	24943	3.687	ng/u1#	72
36) 2-Methylnaphthalene	12.472	142	64143	4.050	ng/u1	99

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37) 1-Methylnaphthalene	12.689	142	60276	3.755	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.836	216	42445	4.533	ng/ul#	96
40) Hexachlorocyclopentadiene	12.825	237	27299	4.275	ng/ul	94
41) 2,4,6-Trichlorophenol	13.072	196	22327	3.903	ng/ul	97
42) 2,4,5-Trichlorophenol	13.136	196	25484	4.051	ng/ul	89
43) 1,1'-Biphenyl	13.472	154	92869	4.470	ng/ul#	96
44) 2-Chloronaphthalene	13.513	162	73520	4.554	ng/ul	94
45) 2-Nitroaniline	13.707	65	12814	3.526	ng/ul#	62
47) Dimethylphthalate	14.083	163	91454	4.430	ng/ul	99
48) 2,6-Dinitrotoluene	14.195	165	14312	3.542	ng/ul	98
50) Acenaphthylene	14.354	152	112910	4.426	ng/ul	99
51) 3-Nitroaniline	14.524	138	13788	3.508	ng/ul#	72
52) Acenaphthene	14.695	153	75382	4.453	ng/ul	96
53) 2,4-Dinitrophenol	14.724	184	13326	4.972	ng/ul#	71
55) 4-Nitrophenol	14.818	109	13657	4.107	ng/ul	83
56) Dibenzofuran	15.030	168	111035	4.466	ng/ul	93
57) 2,4-Dinitrotoluene	14.983	165	22541	3.839	ng/ul#	66
58) 2,3,4,6-Tetrachlorophenol	15.254	232	20520	3.769	ng/ul#	87
59) Diethylphthalate	15.448	149	86262	4.185	ng/ul	99
61) Fluorene	15.677	166	90332	4.356	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.671	204	50288	4.535	ng/ul#	85
63) 4-Nitroaniline	15.677	138	14571m	3.624	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.742	198	14059	3.698	ng/ul#	90
67) N-Nitrosodiphenylamine	15.877	169	73525	4.250	ng/ul	97
68) 4-Bromophenyl-phenylether	16.565	248	28192	4.337	ng/ul#	85
69) Hexachlorobenzene	16.683	284	34939	4.432	ng/ul#	88
70) Atrazine	16.824	200	28875	4.067	ng/ul	94
71) Pentachlorophenol	17.024	266	23628	4.602	ng/ul	95
72) Phenanthrene	17.412	178	139422	4.314	ng/ul	99
74) Anthracene	17.507	178	140586	4.296	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.436	216	39657	4.217	ng/uL	94
76) Pentachlorobenzene	14.954	250	41854	4.499	ng/uL	99
77) Carbazole	17.771	167	110878	3.887	ng/ul	97
78) Di-n-butylphthalate	18.342	149	120626	3.627	ng/ul	100
80) Fluoranthene	19.424	202	159256	4.123	ng/ul#	89
82) Pyrene	19.783	202	173179	4.340	ng/ul#	88
83) Butylbenzylphthalate	20.677	149	46555	3.309	ng/ul#	74
84) 3,3'-Dichlorobenzidine	21.453	252	49809	3.788	ng/ul#	93
85) Benzo(a)anthracene	21.524	228	165014	4.353	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.459	149	69960	3.225	ng/ul#	98
87) Chrysene	21.577	228	165218	4.438	ng/ul	100
89) Di-n-octyl phthalate	22.400	149	115682	2.754	ng/ul	100
90) Benzo(b)fluoranthene	23.241	252	172557	3.987	ng/ul#	97
91) Benzo(k)fluoranthene	23.289	252	170805	4.192	ng/ul#	97
93) Benzo(a)pyrene	23.883	252	180099	4.346	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.541	276	224226	4.862	ng/ul	94
95) Dibenzo(a,h)anthracene	26.565	278	195044	4.885	ng/ul#	97
96) Benzo(g,h,i)perylene	27.329	276	190919	4.901	ng/ul#	95

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

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