

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061722\
 Data File : BM035486.D
 Acq On : 17 Jun 2022 09:34
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020127

Quant Time: Jun 17 23:00:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM061622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 17 01:58:49 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/18/2022
 Supervised By :Yogesh Patel 06/22/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	186870	20.000	ng/u1	0.00
20) Naphthalene-d8	10.610	136	799550	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.457	164	453834	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.203	188	905648	20.000	ng/u1	0.00
79) Chrysene-d12	21.391	240	1052910	20.000	ng/u1	0.00
88) Perylene-d12	23.732	264	1144843	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	37779	8.070	ng/uL	0.00
4) Pyridine-d5	3.687	84	226211	19.620	ng/u1	0.00
7) Phenol-d5	6.998	99	269246	18.800	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.145	67	185721	20.853	ng/u1	0.00
11) 2-Chlorophenol-d4	7.351	132	240368	19.377	ng/u1	0.00
15) 4-Methylphenol-d8	8.539	113	220064	18.355	ng/u1	0.00
21) Nitrobenzene-d5	8.975	128	108817	18.283	ng/u1	0.00
24) 2-Nitrophenol-d4	9.698	143	113393	17.669	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	196527	18.036	ng/u1	0.00
31) 4-Chloroaniline-d4	10.757	131	310370	18.103	ng/u1	0.00
46) Dimethylphthalate-d6	13.868	166	574581	18.613	ng/u1	0.00
49) Acenaphthylene-d8	14.145	160	721540	18.861	ng/u1	0.00
54) 4-Nitrophenol-d4	14.704	143	65051	13.718	ng/u1	0.00
60) Fluorene-d10	15.445	176	507148	18.973	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	83019	15.376	ng/u1	0.00
73) Anthracene-d10	17.298	188	761820	18.714	ng/u1	0.00
81) Pyrene-d10	19.597	212	964636	18.635	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.580	264	1054056	19.089	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	38694	8.153	ng/uL	91
5) Pyridine	3.704	79	242733	19.961	ng/u1#	82
6) Benzaldehyde	6.963	77	152353m	24.836	ng/u1	
8) Phenol	7.028	94	295804	19.356	ng/u1	90
10) Bis(2-Chloroethyl)ether	7.239	93	237308	19.882	ng/u1	93
12) 2-Chlorophenol	7.381	128	248512	19.344	ng/u1	95
13) 2-Methylphenol	8.275	108	214018	18.906	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.345	45	420370	23.627	ng/u1	96
16) Acetophenone	8.639	105	353943	19.472	ng/u1#	87
17) N-Nitroso-di-n-propyla...	8.622	70	178250	20.783	ng/u1#	85
18) 4-Methylphenol	8.604	108	225331	18.496	ng/u1	97
19) Hexachloroethane	8.886	117	104729	20.385	ng/u1	86
22) Nitrobenzene	9.016	77	262308	20.763	ng/u1	96
23) Isophorone	9.545	82	468300	19.598	ng/u1	98
25) 2-Nitrophenol	9.733	139	127848	18.302	ng/u1	90
26) 2,4-Dimethylphenol	9.798	107	257142	19.426	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.027	93	304155	19.628	ng/u1	99
29) 2,4-Dichlorophenol	10.280	162	200880	18.169	ng/u1	99
30) Naphthalene	10.657	128	769184	18.831	ng/u1	100
32) 4-Chloroaniline	10.780	127	306092	17.933	ng/u1	99
33) Hexachlorobutadiene	10.945	225	125631	18.059	ng/u1	98
34) Caprolactam	11.574	113	58702m	15.769	ng/u1	
35) 4-Chloro-3-methylphenol	11.927	107	213773	18.444	ng/u1	99
36) 2-Methylnaphthalene	12.274	142	494303	18.611	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.492	142	501742	18.701	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	12.651	216	228159	17.954	ng/ul	98
40) Hexachlorocyclopentadiene	12.627	237	60058	12.852	ng/ul	99
41) 2,4,6-Trichlorophenol	12.904	196	142263	17.947	ng/ul	98
42) 2,4,5-Trichlorophenol	12.986	196	147784	17.969	ng/ul	97
43) 1,1'-Biphenyl	13.292	154	646305	19.044	ng/ul	98
44) 2-Chloronaphthalene	13.333	162	493431	19.024	ng/ul	98
45) 2-Nitroaniline	13.551	65	140890	21.070	ng/ul	87
47) Dimethylphthalate	13.915	163	586453	18.837	ng/ul	98
48) 2,6-Dinitrotoluene	14.045	165	109586	17.804	ng/ul#	84
50) Acenaphthylene	14.174	152	799640	18.947	ng/ul	99
51) 3-Nitroaniline	14.380	138	109256	17.324	ng/ul	93
52) Acenaphthene	14.515	153	515999	18.430	ng/ul	99
53) 2,4-Dinitrophenol	14.615	184	40948	12.072	ng/ul#	80
55) 4-Nitrophenol	14.721	109	52207	16.940	ng/ul	91
56) Dibenzofuran	14.857	168	730998	19.078	ng/ul	96
57) 2,4-Dinitrotoluene	14.839	165	162257	18.154	ng/ul#	74
58) 2,3,4,6-Tetrachlorophenol	15.092	232	117184	17.252	ng/ul#	82
59) Diethylphthalate	15.280	149	609462	19.319	ng/ul	99
61) Fluorene	15.504	166	584753	18.791	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.498	204	271356	18.579	ng/ul	97
63) 4-Nitroaniline	15.545	138	101778	18.066	ng/ul#	78
66) 4,6-Dinitro-2-methylph...	15.604	198	84518	15.730	ng/ul#	88
67) N-Nitrosodiphenylamine	15.715	169	492010	18.561	ng/ul	100
68) 4-Bromophenyl-phenylether	16.392	248	152612	17.572	ng/ul	92
69) Hexachlorobenzene	16.509	284	174543	17.371	ng/ul#	90
70) Atrazine	16.674	200	163685	17.488	ng/ul	98
71) Pentachlorophenol	16.868	266	76006	14.349	ng/ul	99
72) Phenanthrene	17.245	178	915372	18.772	ng/ul	99
74) Anthracene	17.333	178	918755	18.413	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.257	216	239415	17.318	ng/ul	98
76) Pentachlorobenzene	14.780	250	215741	17.552	ng/ul	99
77) Carbazole	17.615	167	830658	18.447	ng/ul	98
78) Di-n-butylphthalate	18.174	149	1076622	17.258	ng/ul	99
80) Fluoranthene	19.262	202	1171872	18.610	ng/ul	99
82) Pyrene	19.627	202	1236223	18.757	ng/ul	99
83) Butylbenzylphthalate	20.527	149	510278	18.009	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.315	252	394875	20.562	ng/ul	98
85) Benzo(a)anthracene	21.374	228	1208530	19.010	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.309	149	763052	18.147	ng/ul	100
87) Chrysene	21.427	228	1214630	19.166	ng/ul	99
89) Di-n-octyl phthalate	22.209	149	1348415	17.946	ng/ul	100
90) Benzo(b)fluoranthene	23.021	252	1294122	19.032	ng/ul	99
91) Benzo(k)fluoranthene	23.068	252	1255853	19.201	ng/ul	99
93) Benzo(a)pyrene	23.627	252	1304441	19.135	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.150	276	1528421	19.150	ng/ul	98
95) Dibenzo(a,h)anthracene	26.162	278	1305635	19.119	ng/ul	99
96) Benzo(g,h,i)perylene	26.891	276	1288313	18.834	ng/ul	99

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

