

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092322\
 Data File : BM036707.D
 Acq On : 24 Sep 2022 10:18
 Operator : CG/JU
 Sample : PB147688BS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS688

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/26/2022
 Supervised By :mohammad ahmed 09/26/2022

Quant Time: Sep 26 01:09:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 24 00:41:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	451093	20.000	ng/ul	0.00
20) Naphthalene-d8	10.816	136	2115218	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.633	164	1347624	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	2699000	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	2126388	20.000	ng/ul	0.00
88) Perylene-d12	23.968	264	1790515	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	52341	4.350	ng/uL	0.00
4) Pyridine-d5	3.810	84	620333	17.676	ng/ul	0.00
7) Phenol-d5	7.163	99	1092876	27.111	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.334	67	651344	26.606	ng/ul	0.00
11) 2-Chlorophenol-d4	7.534	132	856607	29.515	ng/ul	0.00
15) 4-Methylphenol-d8	8.722	113	859275	28.848	ng/ul	0.00
21) Nitrobenzene-d5	9.175	128	424969	29.683	ng/ul	0.00
24) 2-Nitrophenol-d4	9.898	143	424882	33.132	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	828096	27.864	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.957	131	964540	19.520	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	2351539	25.872	ng/ul	0.00
49) Acenaphthylene-d8	14.327	160	2880453	26.718	ng/ul	0.00
54) 4-Nitrophenol-d4	14.827	143	447024	25.358	ng/ul	0.00
60) Fluorene-d10	15.621	176	2104515	25.838	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	296782	27.793	ng/ul	0.00
73) Anthracene-d10	17.468	188	3140932	25.452	ng/ul	0.00
81) Pyrene-d10	19.751	212	3357925	32.099	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.815	264	2340271	26.753	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.422	88	112508	8.680	ng/uL	96
5) Pyridine	3.834	79	805680	22.851	ng/ul	94
6) Benzaldehyde	7.146	77	711707m	36.459	ng/ul	
8) Phenol	7.193	94	1149723	26.574	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.428	93	876046	26.024	ng/ul	99
12) 2-Chlorophenol	7.569	128	879696	28.020	ng/ul	98
13) 2-Methylphenol	8.451	108	851346	26.771	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.545	45	1022974	25.640	ng/ul	97
16) Acetophenone	8.834	105	1366307	26.445	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.828	70	669464	26.854	ng/ul	96
18) 4-Methylphenol	8.781	108	935873	27.215	ng/ul	100
19) Hexachloroethane	9.092	117	336991	26.501	ng/ul	96
22) Nitrobenzene	9.216	77	1016990	26.754	ng/ul	98
23) Isophorone	9.751	82	1881787	24.280	ng/ul	99
25) 2-Nitrophenol	9.928	139	473576	29.899	ng/ul	99
26) 2,4-Dimethylphenol	9.987	107	964439	24.687	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.228	93	1164939	25.217	ng/ul	99
29) 2,4-Dichlorophenol	10.463	162	837901	26.818	ng/ul	99
30) Naphthalene	10.869	128	2853346	24.762	ng/ul	99
32) 4-Chloroaniline	10.981	127	1158572	22.711	ng/ul	100
33) Hexachlorobutadiene	11.151	225	462132	24.184	ng/ul	99
34) Caprolactam	11.775	113	258266m	25.483	ng/ul	
35) 4-Chloro-3-methylphenol	12.098	107	918112	26.620	ng/ul	98
36) 2-Methylnaphthalene	12.469	142	1939890	25.268	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.686	142	1952153	25.293	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.833	216	930999	24.408	ng/ul	99
40) Hexachlorocyclopentadiene	12.816	237	327739	16.487	ng/ul	99
41) 2,4,6-Trichlorophenol	13.075	196	619103	26.509	ng/ul	99
42) 2,4,5-Trichlorophenol	13.145	196	676150	27.003	ng/ul	99
43) 1,1'-Biphenyl	13.475	154	2474840	24.913	ng/ul	99
44) 2-Chloronaphthalene	13.516	162	1943096	24.927	ng/ul	99
45) 2-Nitroaniline	13.716	65	575240	29.981	ng/ul	98
47) Dimethylphthalate	14.092	163	2368770	24.569	ng/ul	100
48) 2,6-Dinitrotoluene	14.210	165	470447	30.013	ng/ul	98
50) Acenaphthylene	14.357	152	3033847	24.613	ng/ul	99
51) 3-Nitroaniline	14.539	138	551858	29.355	ng/ul#	95
52) Acenaphthene	14.698	153	2119844	24.579	ng/ul	100
53) 2,4-Dinitrophenol	14.739	184	173184	24.900	ng/ul	96
55) 4-Nitrophenol	14.839	109	362815	24.076	ng/ul	98
56) Dibenzofuran	15.027	168	2865360	24.739	ng/ul	98
57) 2,4-Dinitrotoluene	14.992	165	677992	29.752	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.251	232	537929	25.664	ng/ul#	96
59) Diethylphthalate	15.451	149	2403833	24.906	ng/ul	100
61) Fluorene	15.674	166	2446558	24.801	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.669	204	1162291	24.637	ng/ul	99
63) 4-Nitroaniline	15.698	138	569874	31.200	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.751	198	307026	25.479	ng/ul	98
67) N-Nitrosodiphenylamine	15.880	169	2005523	25.229	ng/ul	99
68) 4-Bromophenyl-phenylether	16.563	248	647072	24.324	ng/ul	96
69) Hexachlorobenzene	16.674	284	742426	23.595	ng/ul	97
70) Atrazine	16.833	200	493019	17.576	ng/ul	98
71) Pentachlorophenol	17.015	266	412334	22.062	ng/ul	99
72) Phenanthrene	17.410	178	3696822	24.867	ng/ul	99
74) Anthracene	17.504	178	3737337	24.733	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.439	216	972404	26.342	ng/ul	100
76) Pentachlorobenzene	14.945	250	869166	21.769	ng/ul	99
77) Carbazole	17.774	167	3375569	24.128	ng/ul	100
78) Di-n-butylphthalate	18.339	149	4084761	25.760	ng/ul	99
80) Fluoranthene	19.415	202	3989073	31.119	ng/ul	99
82) Pyrene	19.780	202	4159312	30.653	ng/ul	99
83) Butylbenzylphthalate	20.674	149	1652399	32.137	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.451	252	1106044	26.621	ng/ul	98
85) Benzo(a)anthracene	21.521	228	3518189	26.407	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.451	149	2471351	32.904	ng/ul	99
87) Chrysene	21.574	228	3188079	25.210	ng/ul	99
89) Di-n-octyl phthalate	22.386	149	3725575	34.513	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	2984233	26.283	ng/ul	99
91) Benzo(k)fluoranthene	23.274	252	2971001	26.187	ng/ul	99
93) Benzo(a)pyrene	23.868	252	2565682	25.704	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.509	276	2843440	24.394	ng/ul	96
95) Dibenzo(a,h)anthracene	26.527	278	2608091	24.672	ng/ul	99
96) Benzo(g,h,i)perylene	27.291	276	2422617	23.974	ng/ul	99

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

