

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111022\
 Data File : BM037458.D
 Acq On : 10 Nov 2022 19:13
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 11 00:34:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 11 00:30:57 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian
 Giraldo

11/11/2022
 Supervised By :Jagrut
 Upadhyay

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 Upadhyay

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	331982	20.000	ng	0.00
21) Naphthalene-d8	10.616	136	1432809	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	878760	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	1684022	20.000	ng	0.00
76) Chrysene-d12	21.380	240	1255483	20.000	ng	0.00
86) Perylene-d12	23.709	264	1110809	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	1296564	67.473	ng	0.00
7) Phenol-d6	6.998	99	1840781	70.582	ng	0.00
23) Nitrobenzene-d5	8.986	82	2080680	73.266	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	906360	87.521	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	4994936	75.524	ng	0.00
79) Terphenyl-d14	19.821	244	6043300	86.320	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.269	88	248257	31.550	ng	97
3) Pyridine	3.681	79	762215	32.514	ng	99
4) n-Nitrosodimethylamine	3.593	42	334095	32.607	ng	98
6) Aniline	7.151	93	1131666	35.494	ng	99
8) 2-Chlorophenol	7.381	128	880181	37.634	ng	98
9) Benzaldehyde	6.963	77	480090	36.367	ng	98
10) Phenol	7.028	94	1020335	34.916	ng	99
11) bis(2-Chloroethyl)ether	7.251	93	826081	35.258	ng	97
12) 1,3-Dichlorobenzene	7.698	146	955516	37.388	ng	99
13) 1,4-Dichlorobenzene	7.851	146	993955	37.704	ng	98
14) 1,2-Dichlorobenzene	8.163	146	990125	39.107	ng	98
15) Benzyl Alcohol	8.069	79	752061	40.334	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.351	45	1226791	36.728	ng	98
17) 2-Methylphenol	8.275	107	769371	40.286	ng	98
18) Hexachloroethane	8.880	117	379927	40.866	ng	97
19) n-Nitroso-di-n-propyla...	8.633	70	731100	40.897	ng	98
20) 3+4-Methylphenols	8.604	107	1063350	40.536	ng	99
22) Acetophenone	8.651	105	1383906	37.161	ng	# 98
24) Nitrobenzene	9.028	77	1045337	36.307	ng	98
25) Isophorone	9.557	82	1853766	39.057	ng	98
26) 2-Nitrophenol	9.733	139	533703	41.406	ng	99
27) 2,4-Dimethylphenol	9.804	122	735761	38.463	ng	99
28) bis(2-Chloroethoxy)met...	10.039	93	1081484	36.622	ng	99
29) 2,4-Dichlorophenol	10.275	162	882243	40.178	ng	98
30) 1,2,4-Trichlorobenzene	10.475	180	955542	38.373	ng	97
31) Naphthalene	10.663	128	2988391	36.813	ng	99
32) Benzoic acid	9.986	122	665937	39.669	ng	99
33) 4-Chloroaniline	10.786	127	1221229	37.768	ng	99
34) Hexachlorobutadiene	10.933	225	567411	40.807	ng	98
35) Caprolactam	11.621	113	280790	42.062	ng	94
36) 4-Chloro-3-methylphenol	11.921	107	893488	39.485	ng	100
37) 2-Methylnaphthalene	12.274	142	2104094	38.256	ng	100
38) 1-Methylnaphthalene	12.498	142	2076683	38.643	ng	100
40) 1,2,4,5-Tetrachloroben...	12.645	216	1025962	38.830	ng	99
41) Hexachlorocyclopentadiene	12.610	237	467473	37.135	ng	100
43) 2,4,6-Trichlorophenol	12.892	196	742729	40.834	ng	100

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44) 2,4,5-Trichlorophenol	12.968	196	814046	40.572	ng	99	11/11/2022
46) 1,1'-Biphenyl	13.292	154	2600693	36.674	ng	99	Supervised By :Jagrut Upadhyay
47) 2-Chloronaphthalene	13.333	162	2079145	36.843	ng	99	
48) 2-Nitroaniline	13.551	65	625655	38.365	ng	98	
49) Acenaphthylene	14.180	152	3288763	37.542	ng	100	
50) Dimethylphthalate	13.927	163	2560873	38.153	ng	100	
51) 2,6-Dinitrotoluene	14.051	165	567541	39.928	ng	93	11/11/2022
52) Acenaphthene	14.521	154	1991489	36.772	ng	99	
53) 3-Nitroaniline	14.380	138	617361	38.877	ng	96	
54) 2,4-Dinitrophenol	14.592	184	329035	38.769	ng	95	
55) Dibenzofuran	14.851	168	3072380	36.832	ng	100	
56) 4-Nitrophenol	14.704	139	465536	36.749	ng	97	
57) 2,4-Dinitrotoluene	14.839	165	768582	41.092	ng	99	
58) Fluorene	15.504	166	2615055	37.558	ng	99	
59) 2,3,4,6-Tetrachlorophenol	15.086	232	683012	40.614	ng	96	
60) Diethylphthalate	15.280	149	2533608	38.837	ng	100	
61) 4-Chlorophenyl-phenyle...	15.498	204	1253105	38.901	ng	97	
62) 4-Nitroaniline	15.545	138	608716m	38.221	ng		
63) Azobenzene	15.792	77	2354814	36.641	ng	98	
65) 4,6-Dinitro-2-methylph...	15.604	198	438757	38.459	ng	92	
66) n-Nitrosodiphenylamine	15.715	169	2130636	37.431	ng	99	
67) 4-Bromophenyl-phenylether	16.392	248	758504	40.137	ng	96	
68) Hexachlorobenzene	16.498	284	911512	39.856	ng	99	
69) Atrazine	16.674	200	581436	40.597	ng	99	
70) Pentachlorophenol	16.851	266	527628	39.648	ng	99	
71) Phenanthrene	17.239	178	3808183	36.449	ng	100	
72) Anthracene	17.333	178	3742549	37.838	ng	99	
73) Carbazole	17.609	167	3299356	36.365	ng	99	
74) Di-n-butylphthalate	18.162	149	4103727	40.962	ng	99	
75) Fluoranthene	19.256	202	4023850	36.434	ng	98	
77) Benzidine	19.450	184	745640	39.829	ng	99	
78) Pyrene	19.621	202	4022618	41.667	ng	100	
80) Butylbenzylphthalate	20.515	149	1512434	43.867	ng	96	
81) Benzo(a)anthracene	21.362	228	3325607	37.207	ng	100	
82) 3,3'-Dichlorobenzidine	21.303	252	1024424	39.023	ng	99	
83) Chrysene	21.415	228	3137071	36.429	ng	99	
84) Bis(2-ethylhexyl)phtha...	21.286	149	1916573	41.418	ng	# 97	
85) Di-n-octyl phthalate	22.186	149	2863747	39.295	ng	98	
87) Indeno(1,2,3-cd)pyrene	26.126	276	3297968	36.261	ng	97	
88) Benzo(b)fluoranthene	23.003	252	2707857	35.113	ng	99	
89) Benzo(k)fluoranthene	23.050	252	2834464	36.033	ng	98	
90) Benzo(a)pyrene	23.609	252	2307478	36.723	ng	99	
91) Dibenzo(a,h)anthracene	26.144	278	2706017	35.828	ng	98	
92) Benzo(g,h,i)perylene	26.873	276	2680548	36.466	ng	97	

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

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