

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102822\
 Data File : BM037253.D
 Acq On : 28 Oct 2022 13:31
 Operator : CG/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 10/31/2022
 Supervised By : Jagrut Upadhyay 11/01/2022

Quant Time: Oct 29 02:55:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 29 02:48:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	384119	20.000	ng	0.00
21) Naphthalene-d8	10.675	136	1650336	20.000	ng	0.00
39) Acenaphthene-d10	14.510	164	1023090	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	2031326	20.000	ng	0.00
76) Chrysene-d12	21.421	240	1912984	20.000	ng	0.00
86) Perylene-d12	23.780	264	1753564	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	222557	10.283	ng	0.00
7) Phenol-d6	7.045	99	288596	9.493	ng	0.00
23) Nitrobenzene-d5	9.039	82	296739	9.617	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	101742	12.680	ng	0.00
45) 2-Fluorobiphenyl	13.133	172	711096	10.717	ng	0.00
79) Terphenyl-d14	19.868	244	985097	10.260	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	48874	5.241	ng	97
3) Pyridine	3.740	79	135462	4.706	ng	98
4) n-Nitrosodimethylamine	3.646	42	62635	5.013	ng	# 93
6) Aniline	7.204	93	180589	4.678	ng	97
8) 2-Chlorophenol	7.434	128	132390	5.126	ng	97
9) Benzaldehyde	7.016	77	81597m	4.190	ng	
10) Phenol	7.069	94	167398	4.807	ng	99
11) bis(2-Chloroethyl)ether	7.304	93	143138	5.032	ng	98
12) 1,3-Dichlorobenzene	7.763	146	150994	5.336	ng	95
13) 1,4-Dichlorobenzene	7.910	146	158082	5.452	ng	99
14) 1,2-Dichlorobenzene	8.222	146	152268	5.482	ng	97
15) Benzyl Alcohol	8.122	79	100744	4.253	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.410	45	208734	5.024	ng	99
17) 2-Methylphenol	8.328	107	107441	4.726	ng	99
18) Hexachloroethane	8.951	117	53692	5.019	ng	95
19) n-Nitroso-di-n-propyla...	8.686	70	105853	4.584	ng	99
20) 3+4-Methylphenols	8.651	107	144986	4.639	ng	97
22) Acetophenone	8.704	105	202888	4.898	ng	# 97
24) Nitrobenzene	9.086	77	154925	4.748	ng	96
25) Isophorone	9.610	82	250545	4.392	ng	99
26) 2-Nitrophenol	9.798	139	60082	5.497	ng	97
27) 2,4-Dimethylphenol	9.857	122	99493	4.714	ng	99
28) bis(2-Chloroethoxy)met...	10.092	93	167185	4.845	ng	99
29) 2,4-Dichlorophenol	10.333	162	111834	5.018	ng	98
30) 1,2,4-Trichlorobenzene	10.539	180	138394	5.767	ng	98
31) Naphthalene	10.727	128	457739	5.134	ng	98
33) 4-Chloroaniline	10.845	127	175199	4.888	ng	98
34) Hexachlorobutadiene	11.004	225	76444	5.825	ng	98
35) Caprolactam	11.627	113	31254	4.064	ng	99
36) 4-Chloro-3-methylphenol	11.974	107	117230	4.474	ng	99
37) 2-Methylnaphthalene	12.333	142	306380	5.116	ng	99
38) 1-Methylnaphthalene	12.557	142	300338	5.124	ng	99
40) 1,2,4,5-Tetrachloroben...	12.698	216	137241	5.464	ng	99
43) 2,4,6-Trichlorophenol	12.945	196	84454	4.905	ng	96
44) 2,4,5-Trichlorophenol	13.021	196	96896	5.056	ng	97
46) 1,1'-Biphenyl	13.345	154	384839	5.102	ng	99

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47) 2-Chloronaphthalene	13.386	162	305565	5.275	ng	99
48) 2-Nitroaniline	13.604	65	73546	3.989	ng	95
49) Acenaphthylene	14.233	152	460516	4.909	ng	99
50) Dimethylphthalate	13.968	163	374406	5.189	ng	100
51) 2,6-Dinitrotoluene	14.092	165	69533	4.823	ng	94
52) Acenaphthene	14.568	154	299072	5.131	ng	99
53) 3-Nitroaniline	14.427	138	74830	4.324	ng	96
55) Dibenzofuran	14.904	168	467256	5.294	ng	99
57) 2,4-Dinitrotoluene	14.880	165	87137	4.651	ng	92
58) Fluorene	15.551	166	374350	5.177	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.133	232	84957	5.360	ng	97
60) Diethylphthalate	15.327	149	363459	4.857	ng	100
61) 4-Chlorophenyl-phenyle...	15.551	204	174234	5.514	ng	98
62) 4-Nitroaniline	15.586	138	70863	3.993	ng	97
63) Azobenzene	15.839	77	345898	4.156	ng	98
66) n-Nitrosodiphenylamine	15.762	169	308206	4.911	ng	99
67) 4-Bromophenyl-phenylether	16.445	248	102092	5.450	ng	99
68) Hexachlorobenzene	16.551	284	128901	6.214	ng	96
69) Atrazine	16.715	200	74857	4.330	ng	95
71) Phenanthrene	17.292	178	600228	5.278	ng	99
72) Anthracene	17.380	178	540728	4.986	ng	99
73) Carbazole	17.656	167	499230	4.932	ng	100
74) Di-n-butylphthalate	18.215	149	525627	4.147	ng	100
75) Fluoranthene	19.303	202	611609	5.227	ng	98
77) Benzidine	19.497	184	121669	3.031	ng	97
78) Pyrene	19.662	202	641836	4.455	ng	99
80) Butylbenzylphthalate	20.562	149	215404	3.627	ng	98
81) Benzo(a)anthracene	21.409	228	634780	5.109	ng	99
82) 3,3'-Dichlorobenzidine	21.344	252	170079	5.043	ng	98
83) Chrysene	21.456	228	624467	5.218	ng	99
84) Bis(2-ethylhexyl)phtha...	21.333	149	289363	3.319	ng	99
85) Di-n-octyl phthalate	22.244	149	470601	3.352	ng	97
87) Indeno(1,2,3-cd)pyrene	26.221	276	570363	4.925	ng	100
88) Benzo(b)fluoranthene	23.062	252	561217	5.050	ng	100
89) Benzo(k)fluoranthene	23.109	252	570881	4.993	ng	100
90) Benzo(a)pyrene	23.674	252	433734	4.853	ng	99
91) Dibenzo(a,h)anthracene	26.238	278	470890	4.881	ng	100
92) Benzo(g,h,i)perylene	26.973	276	470173	5.020	ng	98

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

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