

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103023\
 Data File : BM042491.D
 Acq On : 30 Oct 2023 12:52
 Operator : MA/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/31/2023
 Supervised By :mohammad ahmed 10/31/2023

Quant Time: Oct 30 19:02:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 30 16:44:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	77641	20.000	ng	0.00
21) Naphthalene-d8	10.745	136	325175	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	194526	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	438122	20.000	ng	0.00
76) Chrysene-d12	21.509	240	428844	20.000	ng	0.00
86) Perylene-d12	23.927	264	440030	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	201628	41.911	ng	0.00
7) Phenol-d6	7.098	99	277378	42.041	ng	0.00
23) Nitrobenzene-d5	9.128	82	283750	40.678	ng	0.00
42) 2,4,6-Tribromophenol	16.074	330	97489	38.386	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	588961	40.740	ng	0.00
79) Terphenyl-d14	19.939	244	980475	38.767	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	48950	21.350	ng	99
3) Pyridine	3.763	79	138317	21.433	ng	99
4) n-Nitrosodimethylamine	3.675	42	65332	20.642	ng	95
6) Aniline	7.275	93	174892	20.854	ng	99
8) 2-Chlorophenol	7.487	128	108536	20.923	ng	99
9) Benzaldehyde	7.098	77	82948	21.814	ng	98
10) Phenol	7.122	94	140582	20.980	ng	98
11) bis(2-Chloroethyl)ether	7.369	93	117813	20.783	ng	99
12) 1,3-Dichlorobenzene	7.804	146	116815	20.836	ng	99
13) 1,4-Dichlorobenzene	7.963	146	118246	20.840	ng	99
14) 1,2-Dichlorobenzene	8.275	146	112937	20.616	ng	97
15) Benzyl Alcohol	8.198	79	91947m	19.685	ng	
16) 2,2'-oxybis(1-Chloropr...	8.463	45	186977m	20.642	ng	
17) 2-Methylphenol	8.381	107	97066	20.458	ng	97
18) Hexachloroethane	8.992	117	46128	20.778	ng	98
19) n-Nitroso-di-n-propyla...	8.751	70	97976	20.992	ng	98
20) 3+4-Methylphenols	8.716	107	130979	20.648	ng	98
22) Acetophenone	8.787	105	167957	20.480	ng	# 98
24) Nitrobenzene	9.175	77	143105	20.829	ng	98
25) Isophorone	9.692	82	246159	19.937	ng	99
26) 2-Nitrophenol	9.875	139	51444	19.835	ng	99
27) 2,4-Dimethylphenol	9.922	122	97074m	20.388	ng	
28) bis(2-Chloroethoxy)met...	10.175	93	153058	20.577	ng	100
29) 2,4-Dichlorophenol	10.398	162	93670	20.043	ng	98
30) 1,2,4-Trichlorobenzene	10.598	180	104639	20.430	ng	97
31) Naphthalene	10.798	128	342803	20.405	ng	100
32) Benzoic acid	10.045	122	68451m	20.403	ng	
33) 4-Chloroaniline	10.945	127	130594	19.936	ng	99
34) Hexachlorobutadiene	11.022	225	61989	19.934	ng	99
35) Caprolactam	11.792	113	30216	18.402	ng	95
36) 4-Chloro-3-methylphenol	12.051	107	105028	19.747	ng	93
37) 2-Methylnaphthalene	12.404	142	239235	20.220	ng	99
38) 1-Methylnaphthalene	12.622	142	225201	20.221	ng	99
40) 1,2,4,5-Tetrachloroben...	12.757	216	117519	20.222	ng	99
41) Hexachlorocyclopentadiene	12.698	237	55359	19.775	ng	98
43) 2,4,6-Trichlorophenol	13.016	196	75542	20.295	ng	98

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44) 2,4,5-Trichlorophenol	13.086	196	89174	20.133	ng	98
46) 1,1'-Biphenyl	13.416	154	303719	20.425	ng	100
47) 2-Chloronaphthalene	13.463	162	223324	20.472	ng	99
48) 2-Nitroaniline	13.704	65	72850	19.407	ng	97
49) Acenaphthylene	14.310	152	369978	20.479	ng	100
50) Dimethylphthalate	14.051	163	295979	20.358	ng	100
51) 2,6-Dinitrotoluene	14.192	165	60761	20.278	ng	96
52) Acenaphthene	14.645	154	223792	20.411	ng	98
53) 3-Nitroaniline	14.533	138	57313	19.862	ng	96
54) 2,4-Dinitrophenol	14.733	184	28926	20.034	ng	95
55) Dibenzofuran	14.980	168	363459	20.388	ng	100
56) 4-Nitrophenol	14.833	139	40201	20.435	ng	98
57) 2,4-Dinitrotoluene	14.974	165	79114	19.953	ng	97
58) Fluorene	15.627	166	290460	20.137	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.198	232	75528	20.245	ng	100
60) Diethylphthalate	15.392	149	300977	20.434	ng	98
61) 4-Chlorophenyl-phenyle...	15.616	204	146149	20.056	ng	98
62) 4-Nitroaniline	15.698	138	46358	19.338	ng	97
63) Azobenzene	15.910	77	335542	20.672	ng	99
65) 4,6-Dinitro-2-methylph...	15.721	198	45968	20.172	ng	98
66) n-Nitrosodiphenylamine	15.845	169	249994	20.237	ng	98
67) 4-Bromophenyl-phenylether	16.515	248	86492	19.743	ng	97
68) Hexachlorobenzene	16.592	284	96547	19.921	ng	99
69) Atrazine	16.792	200	74953	20.998	ng	97
70) Pentachlorophenol	16.963	266	66258	18.596	ng	97
71) Phenanthrene	17.368	178	458770	20.037	ng	99
72) Anthracene	17.462	178	449982	19.842	ng	99
73) Carbazole	17.757	167	367193	19.903	ng	99
74) Di-n-butylphthalate	18.274	149	518155	20.000	ng	99
75) Fluoranthene	19.386	202	532734	19.808	ng	99
77) Benzidine	19.604	184	84394m	20.542	ng	
78) Pyrene	19.751	202	566380	19.234	ng	99
80) Butylbenzylphthalate	20.633	149	247783	19.701	ng	99
81) Benzo(a)anthracene	21.492	228	539477	19.772	ng	100
82) 3,3'-Dichlorobenzidine	21.439	252	176021	20.298	ng	98
83) Chrysene	21.545	228	554449	20.005	ng	99
84) Bis(2-ethylhexyl)phtha...	21.380	149	383771	20.190	ng	99
85) Di-n-octyl phthalate	22.309	149	669329	20.458	ng	100
87) Indeno(1,2,3-cd)pyrene	26.462	276	503431	19.223	ng	99
88) Benzo(b)fluoranthene	23.180	252	466002	19.009	ng	98
89) Benzo(k)fluoranthene	23.233	252	542345	19.854	ng	99
90) Benzo(a)pyrene	23.821	252	481761	19.961	ng	99
91) Dibenzo(a,h)anthracene	26.480	278	423411	20.141	ng	99
92) Benzo(g,h,i)perylene	27.250	276	457643	19.827	ng	98

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

