

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060823\
 Data File : BM040166.D
 Acq On : 08 Jun 2023 20:19
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/09/2023

Supervised By :mohammad ahmed 06/13/2023

Quant Time: Jun 09 02:23:24 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060823.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 08 23:25:50 2023

Response via : Initial Calibration

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

1) 1,4-Dichlorobenzene-d4	7.992	152	251426	20.000	ng	0.00
21) Naphthalene-d8	10.804	136	1106503	20.000	ng	0.00
39) Acenaphthene-d10	14.627	164	630775	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	1279512	20.000	ng	0.00
76) Chrysene-d12	21.544	240	1415701	20.000	ng	0.00
86) Perylene-d12	23.980	264	1533067	20.000	ng	0.00

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System Monitoring Compounds

5) 2-Fluorophenol	5.534	112	1385714	82.294	ng	0.00
7) Phenol-d6	7.145	99	1914876	83.340	ng	0.00
23) Nitrobenzene-d5	9.157	82	1654184	80.916	ng	0.00
42) 2,4,6-Tribromophenol	16.115	330	774079	81.565	ng	0.00
45) 2-Fluorobiphenyl	13.257	172	3898238	81.683	ng	0.00
79) Terphenyl-d14	19.986	244	6754792	87.955	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.398	88	265736	39.741	ng	98
3) Pyridine	3.804	79	796004	41.503	ng	97
4) n-Nitrosodimethylamine	3.716	42	303038	38.972	ng	93
6) Aniline	7.316	93	1147354	41.260	ng	98
8) 2-Chlorophenol	7.551	128	730518	41.031	ng	99
9) Benzaldehyde	7.122	77	482854	39.464	ng	98
10) Phenol	7.175	94	936729	41.453	ng	96
11) bis(2-Chloroethyl)ether	7.410	93	728383	39.997	ng	99
12) 1,3-Dichlorobenzene	7.881	146	722218	40.351	ng	98
13) 1,4-Dichlorobenzene	8.028	146	737073	40.303	ng	99
14) 1,2-Dichlorobenzene	8.345	146	734429	40.806	ng	100
15) Benzyl Alcohol	8.228	79	617641	40.732	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.528	45	911955m	39.281	ng	
17) 2-Methylphenol	8.433	107	671961	41.734	ng	99
18) Hexachloroethane	9.075	117	262919	40.151	ng	97
19) n-Nitroso-di-n-propyla...	8.804	70	572284	40.995	ng	97
20) 3+4-Methylphenols	8.763	107	910846	41.438	ng	99
22) Acetophenone	8.816	105	1174370	40.641	ng	98
24) Nitrobenzene	9.198	77	846089	40.209	ng	99
25) Isophorone	9.727	82	1583117	41.009	ng	98
26) 2-Nitrophenol	9.916	139	360538	41.235	ng	96
27) 2,4-Dimethylphenol	9.969	122	709329	41.464	ng	99
28) bis(2-Chloroethoxy)met...	10.210	93	994098	39.889	ng	99
29) 2,4-Dichlorophenol	10.445	162	639417	40.751	ng	99
30) 1,2,4-Trichlorobenzene	10.669	180	622901	39.191	ng	100
31) Naphthalene	10.857	128	2411061	40.455	ng	99
32) Benzoic acid	10.104	122	475645	38.031	ng	96
33) 4-Chloroaniline	10.963	127	1098862	41.399	ng	98
34) Hexachlorobutadiene	11.139	225	319782	38.357	ng	98
35) Caprolactam	11.751	113	232047	43.065	ng	95
36) 4-Chloro-3-methylphenol	12.080	107	754636	41.416	ng	99
37) 2-Methylnaphthalene	12.463	142	1671659	40.561	ng	99
38) 1-Methylnaphthalene	12.680	142	1576991	40.576	ng	99
40) 1,2,4,5-Tetrachloroben...	12.827	216	655910	39.223	ng	99
41) Hexachlorocyclopentadiene	12.810	237	343927	39.442	ng	100
43) 2,4,6-Trichlorophenol	13.063	196	470963	41.060	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.133	196	561543	40.558	ng	99
46) 1,1'-Biphenyl	13.463	154	2072583	40.978	ng	99
47) 2-Chloronaphthalene	13.510	162	1549785	41.247	ng	99
48) 2-Nitroaniline	13.710	65	483523	42.919	ng	98
49) Acenaphthylene	14.351	152	2644173	42.445	ng	100
50) Dimethylphthalate	14.086	163	2020345	41.066	ng	100
51) 2,6-Dinitrotoluene	14.204	165	409790	41.560	ng	98
52) Acenaphthene	14.692	154	1592349	41.442	ng	100
53) 3-Nitroaniline	14.533	138	537544	43.696	ng	97
54) 2,4-Dinitrophenol	14.733	184	198436	36.363	ng	96
55) Dibenzofuran	15.027	168	2485350	41.349	ng	100
56) 4-Nitrophenol	14.833	139	440195	44.180	ng	95
57) 2,4-Dinitrotoluene	14.986	165	568503	43.203	ng	97
58) Fluorene	15.674	166	2145257	42.639	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.251	232	446643	41.257	ng	99
60) Diethylphthalate	15.445	149	2091855	41.907	ng	100
61) 4-Chlorophenyl-phenyle...	15.668	204	973925	41.414	ng	99
62) 4-Nitroaniline	15.698	138	585658	44.691	ng	97
63) Azobenzene	15.957	77	2089057	43.044	ng	98
65) 4,6-Dinitro-2-methylph...	15.751	198	285129	39.729	ng	95
66) n-Nitrosodiphenylamine	15.880	169	1760826	42.016	ng	100
67) 4-Bromophenyl-phenylether	16.562	248	519104	40.395	ng	98
68) Hexachlorobenzene	16.674	284	594379	40.329	ng	99
69) Atrazine	16.827	200	480004	41.909	ng	100
70) Pentachlorophenol	17.015	266	433623	40.080	ng	100
71) Phenanthrene	17.415	178	3106388	41.667	ng	99
72) Anthracene	17.503	178	3185170	42.825	ng	99
73) Carbazole	17.774	167	3051751	43.017	ng	100
74) Di-n-butylphthalate	18.333	149	3497925	43.964	ng	99
75) Fluoranthene	19.421	202	3397631	42.946	ng	98
77) Benzidine	19.609	184	1133214	42.622	ng	99
78) Pyrene	19.786	202	3672019	38.898	ng	100
80) Butylbenzylphthalate	20.680	149	1606458	42.102	ng	96
81) Benzo(a)anthracene	21.533	228	3994795	41.380	ng	100
82) 3,3'-Dichlorobenzidine	21.462	252	1387570	43.247	ng	100
83) Chrysene	21.586	228	3919822	42.861	ng	100
84) Bis(2-ethylhexyl)phtha...	21.450	149	2501683	44.397	ng	99
85) Di-n-octyl phthalate	22.391	149	4170620	45.579	ng	99
87) Indeno(1,2,3-cd)pyrene	26.532	276	4993889	43.444	ng	99
88) Benzo(b)fluoranthene	23.238	252	3791341	40.834	ng	100
89) Benzo(k)fluoranthene	23.291	252	4130798	42.567	ng	99
90) Benzo(a)pyrene	23.874	252	3754228	42.339	ng	100
91) Dibenzo(a,h)anthracene	26.538	278	4345396	43.790	ng	99
92) Benzo(g,h,i)perylene	27.309	276	3662567	42.967	ng	98

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

