

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080223\
 Data File : BM041235.D
 Acq On : 02 Aug 2023 09:02
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023

Quant Time: Aug 03 03:04:29 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 02 19:20:51 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	125566	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	494707	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	311192	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	700996	20.000	ng	0.00
76) Chrysene-d12	21.433	240	661944	20.000	ng	0.00
86) Perylene-d12	23.803	264	733174	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	597141	71.076	ng	0.00
7) Phenol-d6	6.981	99	801467	73.595	ng	0.00
23) Nitrobenzene-d5	8.975	82	775380	72.889	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	385892	87.670	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	1782978	72.378	ng	0.00
79) Terphenyl-d14	19.862	244	2969482	81.109	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.258	88	116823	32.505	ng	96
3) Pyridine	3.663	79	334199	35.365	ng	97
4) n-Nitrosodimethylamine	3.581	42	137903	31.553	ng	92
6) Aniline	7.128	93	482949	37.894	ng	100
8) 2-Chlorophenol	7.363	128	308881	37.660	ng	99
9) Benzaldehyde	6.946	77	194001m	33.761	ng	
10) Phenol	7.010	94	386585	36.754	ng	99
11) bis(2-Chloroethyl)ether	7.228	93	313999	36.880	ng	97
12) 1,3-Dichlorobenzene	7.681	146	334251	37.439	ng	98
13) 1,4-Dichlorobenzene	7.834	146	341328	38.037	ng	99
14) 1,2-Dichlorobenzene	8.146	146	326441	37.940	ng	99
15) Benzyl Alcohol	8.051	79	292429	42.521	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.334	45	392982m	34.642	ng	
17) 2-Methylphenol	8.257	107	281362	39.155	ng	100
18) Hexachloroethane	8.863	117	130958	39.200	ng	91
19) n-Nitroso-di-n-propyla...	8.616	70	268003	40.517	ng	95
20) 3+4-Methylphenols	8.593	107	387481	40.329	ng	96
22) Acetophenone	8.634	105	487896	37.238	ng	# 98
24) Nitrobenzene	9.016	77	392202	36.457	ng	98
25) Isophorone	9.540	82	730683	40.463	ng	99
26) 2-Nitrophenol	9.722	139	182759	43.458	ng	96
27) 2,4-Dimethylphenol	9.792	122	288478	38.982	ng	98
28) bis(2-Chloroethoxy)met...	10.028	93	427406	37.785	ng	100
29) 2,4-Dichlorophenol	10.263	162	307837	41.250	ng	99
30) 1,2,4-Trichlorobenzene	10.469	180	329848	40.005	ng	99
31) Naphthalene	10.651	128	998107	37.180	ng	99
32) Benzoic acid	9.957	122	250037	45.436	ng	98
33) 4-Chloroaniline	10.781	127	442820	41.275	ng	98
34) Hexachlorobutadiene	10.922	225	214053	43.165	ng	99
35) Caprolactam	11.598	113	104228	48.280	ng	# 87
36) 4-Chloro-3-methylphenol	11.922	107	334771	42.620	ng	99
37) 2-Methylnaphthalene	12.275	142	716548	39.591	ng	100
38) 1-Methylnaphthalene	12.492	142	679372	40.106	ng	99
40) 1,2,4,5-Tetrachloroben...	12.645	216	381347	37.739	ng	99
41) Hexachlorocyclopentadiene	12.604	237	194900	36.458	ng	99
43) 2,4,6-Trichlorophenol	12.898	196	264885	40.899	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.975	196	311883	41.606	ng	97
46) 1,1'-Biphenyl	13.292	154	910215	36.080	ng	99
47) 2-Chloronaphthalene	13.333	162	698742	37.094	ng	98
48) 2-Nitroaniline	13.557	65	238748	39.707	ng	98
49) Acenaphthylene	14.186	152	1146685	37.715	ng	99
50) Dimethylphthalate	13.933	163	939767	40.147	ng	99
51) 2,6-Dinitrotoluene	14.063	165	203657	41.989	ng	91
52) Acenaphthene	14.527	154	678870	37.064	ng	100
53) 3-Nitroaniline	14.392	138	217765	39.294	ng	95
54) 2,4-Dinitrophenol	14.610	184	126451	41.626	ng	89
55) Dibenzofuran	14.863	168	1127266	37.721	ng	99
56) 4-Nitrophenol	14.722	139	174282	43.115	ng	94
57) 2,4-Dinitrotoluene	14.857	165	283254	41.290	ng	# 92
58) Fluorene	15.516	166	910117	38.605	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.098	232	258874	42.647	ng	95
60) Diethylphthalate	15.298	149	960644	42.437	ng	98
61) 4-Chlorophenyl-phenyle...	15.510	204	479933	40.625	ng	98
62) 4-Nitroaniline	15.563	138	205266	40.399	ng	98
63) Azobenzene	15.804	77	932106	37.590	ng	98
65) 4,6-Dinitro-2-methylph...	15.622	198	175496	41.326	ng	87
66) n-Nitrosodiphenylamine	15.733	169	780486	35.800	ng	99
67) 4-Bromophenyl-phenylether	16.410	248	300812	39.138	ng	99
68) Hexachlorobenzene	16.521	284	332351	38.888	ng	96
69) Atrazine	16.698	200	253640	44.301	ng	99
70) Pentachlorophenol	16.880	266	249336	42.132	ng	99
71) Phenanthrene	17.268	178	1404216	36.054	ng	100
72) Anthracene	17.357	178	1456017	37.799	ng	99
73) Carbazole	17.639	167	1328130	38.094	ng	100
74) Di-n-butylphthalate	18.198	149	1745840	44.314	ng	99
75) Fluoranthene	19.292	202	1752625	40.054	ng	99
77) Benzidine	19.492	184	287522	31.868	ng	99
78) Pyrene	19.657	202	1809083	39.081	ng	100
80) Butylbenzylphthalate	20.562	149	803703	47.544	ng	94
81) Benzo(a)anthracene	21.415	228	1770738	39.460	ng	99
82) 3,3'-Dichlorobenzidine	21.351	252	606166	41.396	ng	100
83) Chrysene	21.468	228	1665300	38.367	ng	99
84) Bis(2-ethylhexyl)phtha...	21.333	149	1200942	44.908	ng	98
85) Di-n-octyl phthalate	22.256	149	1965729	46.011	ng	# 95
87) Indeno(1,2,3-cd)pyrene	26.262	276	2006712	37.228	ng	96
88) Benzo(b)fluoranthene	23.086	252	1635169	37.543	ng	98
89) Benzo(k)fluoranthene	23.133	252	1703745	38.241	ng	99
90) Benzo(a)pyrene	23.697	252	1621695	38.750	ng	98
91) Dibenzo(a,h)anthracene	26.274	278	1697665	37.759	ng	97
92) Benzo(g,h,i)perylene	27.015	276	1612824	36.661	ng	96

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

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