

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052323\
 Data File : BM039972.D
 Acq On : 23 May 2023 14:13
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/24/2023
 Supervised By : mohammad ahmed 05/24/2023

Quant Time: May 24 00:31:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 24 00:17:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	401258	20.000	ng	0.00
21) Naphthalene-d8	10.839	136	1537353	20.000	ng	0.00
39) Acenaphthene-d10	14.657	164	821311	20.000	ng	0.00
64) Phenanthrene-d10	17.398	188	1506713	20.000	ng	0.00
76) Chrysene-d12	21.574	240	1420127	20.000	ng	0.00
86) Perylene-d12	24.027	264	1315116	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	3775673	144.337	ng	0.00
7) Phenol-d6	7.181	99	4913982	144.006	ng	0.01
23) Nitrobenzene-d5	9.192	82	4562390	160.137	ng	0.00
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	13.292	172	11251976	161.590	ng	0.00
79) Terphenyl-d14	20.009	244	12837029	140.354	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	703956	66.636	ng	98
3) Pyridine	3.828	79	2117587m	73.048	ng	
4) n-Nitrosodimethylamine	3.740	42	835429	67.800	ng	97
6) Aniline	7.345	93	3139610	74.358	ng	99
8) 2-Chlorophenol	7.581	128	2140958	77.753	ng	96
10) Phenol	7.204	94	2494339	72.924	ng	99
11) bis(2-Chloroethyl)ether	7.445	93	2052059	72.838	ng	99
12) 1,3-Dichlorobenzene	7.910	146	2196529	75.330	ng	98
13) 1,4-Dichlorobenzene	8.057	146	2252858	75.937	ng	99
14) 1,2-Dichlorobenzene	8.381	146	2202992	75.728	ng	98
15) Benzyl Alcohol	8.263	79	1710905	77.782	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.557	45	2510047	69.454	ng	99
17) 2-Methylphenol	8.463	107	1839984	75.188	ng	99
18) Hexachloroethane	9.110	117	814874	75.763	ng	96
19) n-Nitroso-di-n-propyla...	8.845	70	1495238	75.654	ng	97
20) 3+4-Methylphenols	8.798	107	2475318	76.653	ng	99
22) Acetophenone	8.851	105	3142655	75.736	ng	# 98
24) Nitrobenzene	9.233	77	2250349	77.868	ng	97
25) Isophorone	9.763	82	4168562	80.231	ng	97
27) 2,4-Dimethylphenol	10.004	122	1915296	82.230	ng	99
28) bis(2-Chloroethoxy)met...	10.245	93	2643913	77.616	ng	99
29) 2,4-Dichlorophenol	10.480	162	1908934	86.504	ng	96
30) 1,2,4-Trichlorobenzene	10.698	180	2024138	83.783	ng	99
31) Naphthalene	10.892	128	6610934	77.937	ng	99
32) Benzoic acid	10.175	122	1376718	81.253	ng	94
33) 4-Chloroaniline	10.998	127	2903250	81.224	ng	98
34) Hexachlorobutadiene	11.175	225	1151780	84.938	ng	100
35) Caprolactam	11.804	113	555393	89.127	ng	85
36) 4-Chloro-3-methylphenol	12.116	107	1882594	82.536	ng	96
37) 2-Methylnaphthalene	12.492	142	4577599	80.963	ng	98
38) 1-Methylnaphthalene	12.710	142	4343090	82.061	ng	98
40) 1,2,4,5-Tetrachloroben...	12.857	216	2252412	86.708	ng	98
41) Hexachlorocyclopentadiene	12.839	237	1316739	97.985	ng	99
43) 2,4,6-Trichlorophenol	13.092	196	1429730	90.678	ng	98
44) 2,4,5-Trichlorophenol	13.163	196	1677957	89.411	ng	95
46) 1,1'-Biphenyl	13.498	154	5706476	81.154	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	13.539	162	4305666	82.032	ng	97
48) 2-Nitroaniline	13.739	65	1147230	79.034	ng	94
49) Acenaphthylene	14.380	152	6825321	83.065	ng	99
50) Dimethylphthalate	14.121	163	5215175	84.233	ng	99
51) 2,6-Dinitrotoluene	14.233	165	1083705	91.497	ng	92
52) Acenaphthene	14.721	154	4506204m	83.935	ng	
53) 3-Nitroaniline	14.563	138	1283896	91.633	ng	95
54) 2,4-Dinitrophenol	14.763	184	544749	82.379	ng	94
55) Dibenzofuran	15.057	168	6471193	81.649	ng	97
56) 4-Nitrophenol	14.857	139	1000742	92.333	ng	94
57) 2,4-Dinitrotoluene	15.015	165	1434074	81.274	ng	91
58) Fluorene	15.704	166	5478149	83.148	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.274	232	1268863	90.917	ng	94
60) Diethylphthalate	15.480	149	5238321	85.597	ng	98
61) 4-Chlorophenyl-phenyle...	15.698	204	2844588	88.248	ng	# 89
62) 4-Nitroaniline	15.727	138	1319610	90.434	ng	96
63) Azobenzene	15.992	77	4690417	76.875	ng	94
65) 4,6-Dinitro-2-methylph...	15.780	198	735532	81.940	ng	88
66) n-Nitrosodiphenylamine	15.910	169	4529904	87.425	ng	97
67) 4-Bromophenyl-phenylether	16.592	248	1559919	93.698	ng	# 89
68) Hexachlorobenzene	16.704	284	1735811	91.236	ng	# 92
69) Atrazine	16.857	200	1151332	89.331	ng	98
70) Pentachlorophenol	17.045	266	1197314	95.866	ng	98
71) Phenanthrene	17.445	178	7713570	85.589	ng	99
72) Anthracene	17.533	178	7963092	89.179	ng	100
73) Carbazole	17.804	167	7084285	87.815	ng	99
74) Di-n-butylphthalate	18.368	149	8569254	80.409	ng	99
75) Fluoranthene	19.450	202	8461821	94.205	ng	97
77) Benzidine	19.633	184	1550840	70.323	ng	100
78) Pyrene	19.815	202	8911995	85.522	ng	99
80) Butylbenzylphthalate	20.709	149	3605739	80.502	ng	# 84
81) Benzo(a)anthracene	21.556	228	8758176	87.117	ng	97
82) 3,3'-Dichlorobenzidine	21.492	252	2795281	93.080	ng	# 98
83) Chrysene	21.615	228	8363103	86.700	ng	97
84) Bis(2-ethylhexyl)phtha...	21.486	149	5509075	78.224	ng	# 93
85) Di-n-octyl phthalate	22.433	149	8982659	80.480	ng	97
87) Indeno(1,2,3-cd)pyrene	26.597	276	9986532	95.489	ng	95
88) Benzo(b)fluoranthene	23.280	252	7816360	92.832	ng	97
89) Benzo(k)fluoranthene	23.333	252	8497383m	92.283	ng	
90) Benzo(a)pyrene	23.921	252	7716566	95.564	ng	97
91) Dibenzo(a,h)anthracene	26.615	278	8755651	96.972	ng	96
92) Benzo(g,h,i)perylene	27.385	276	7348585	92.087	ng	96

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

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