

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110423\
 Data File : BM042587.D
 Acq On : 04 Nov 2023 12:05
 Operator : MA/JU
 Sample : PB156852BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB156852BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/07/2023

Quant Time: Nov 06 01:43:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:52:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	57582	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	240583	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	148082	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	297437	20.000	ng	0.00
76) Chrysene-d12	21.497	240	225701	20.000	ng	0.00
86) Perylene-d12	23.915	264	214289	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	529443	148.390	ng	0.01
7) Phenol-d6	7.087	99	696553	142.349	ng	0.01
23) Nitrobenzene-d5	9.116	82	473449	91.738	ng	0.00
42) 2,4,6-Tribromophenol	16.068	330	291759	150.909	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	1006818	91.488	ng	0.00
79) Terphenyl-d14	19.933	244	1371558	103.040	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.310	88	58359	34.321	ng	# 93
3) Pyridine	3.728	79	139468	28.593	ng	94
4) n-Nitrosodimethylamine	3.657	42	122145	52.035	ng	# 78
6) Aniline	7.257	93	208513	33.523	ng	97
8) 2-Chlorophenol	7.475	128	179876	46.755	ng	99
9) Benzaldehyde	7.075	77	67779	24.034	ng	97
10) Phenol	7.110	94	238966	48.085	ng	90
11) bis(2-Chloroethyl)ether	7.357	93	177968	42.330	ng	98
12) 1,3-Dichlorobenzene	7.792	146	187235	45.031	ng	96
13) 1,4-Dichlorobenzene	7.951	146	192222	45.680	ng	98
14) 1,2-Dichlorobenzene	8.263	146	185144	45.571	ng	98
15) Benzyl Alcohol	8.181	79	185404	53.520	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.445	45	297969m	44.536	ng	
17) 2-Methylphenol	8.369	107	158293	44.984	ng	96
18) Hexachloroethane	8.975	117	79463	48.262	ng	92
19) n-Nitroso-di-n-propyla...	8.733	70	159972	46.214	ng	92
20) 3+4-Methylphenols	8.704	107	209582	44.548	ng	94
22) Acetophenone	8.769	105	282134	46.498	ng	# 96
24) Nitrobenzene	9.163	77	237940	46.809	ng	98
25) Isophorone	9.669	82	423635	46.377	ng	98
26) 2-Nitrophenol	9.863	139	98975	45.949	ng	96
27) 2,4-Dimethylphenol	9.904	122	178592	51.106	ng	95
28) bis(2-Chloroethoxy)met...	10.157	93	243182	44.189	ng	99
29) 2,4-Dichlorophenol	10.380	162	179415	51.888	ng	97
30) 1,2,4-Trichlorobenzene	10.586	180	188709	49.800	ng	98
31) Naphthalene	10.786	128	543795	43.749	ng	99
32) Benzoic acid	10.075	122	128326	45.394	ng	92
33) 4-Chloroaniline	10.927	127	164851	34.014	ng	98
34) Hexachlorobutadiene	11.004	225	126407	54.943	ng	98
35) Caprolactam	11.769	113	50131	41.264	ng	95
36) 4-Chloro-3-methylphenol	12.033	107	184525	46.892	ng	99
37) 2-Methylnaphthalene	12.392	142	380312	43.445	ng	97
38) 1-Methylnaphthalene	12.610	142	351116m	42.613	ng	
40) 1,2,4,5-Tetrachloroben...	12.745	216	220361	49.811	ng	99
41) Hexachlorocyclopentadiene	12.686	237	235710	88.200	ng	99
43) 2,4,6-Trichlorophenol	13.004	196	145323	51.287	ng	97

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44) 2,4,5-Trichlorophenol	13.080	196	157165	46.611	ng	94
46) 1,1'-Biphenyl	13.404	154	511157	45.157	ng	98
47) 2-Chloronaphthalene	13.451	162	384967	46.358	ng	99
48) 2-Nitroaniline	13.692	65	139000	42.089	ng	97
49) Acenaphthylene	14.298	152	612759	44.555	ng	99
50) Dimethylphthalate	14.033	163	482761	43.619	ng	99
51) 2,6-Dinitrotoluene	14.186	165	101378	44.444	ng	97
52) Acenaphthene	14.633	154	365123	43.745	ng	100
53) 3-Nitroaniline	14.521	138	80636	33.017	ng	98
54) 2,4-Dinitrophenol	14.733	184	121189	75.369	ng	98
55) Dibenzofuran	14.968	168	608383	44.830	ng	100
56) 4-Nitrophenol	14.821	139	145757	71.162	ng	# 85
57) 2,4-Dinitrotoluene	14.968	165	139642	41.027	ng	95
58) Fluorene	15.615	166	484991	44.170	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.186	232	136652	48.117	ng	96
60) Diethylphthalate	15.380	149	485481	43.297	ng	99
61) 4-Chlorophenyl-phenyle...	15.604	204	264368	47.658	ng	99
62) 4-Nitroaniline	15.686	138	78581	36.021	ng	# 86
63) Azobenzene	15.904	77	555792	44.981	ng	94
65) 4,6-Dinitro-2-methylph...	15.721	198	79644	42.424	ng	96
66) n-Nitrosodiphenylamine	15.833	169	398336	47.496	ng	99
67) 4-Bromophenyl-phenylether	16.504	248	154262	51.867	ng	97
68) Hexachlorobenzene	16.586	284	175792	53.427	ng	99
69) Atrazine	16.780	200	89088	36.763	ng	97
70) Pentachlorophenol	16.956	266	206703	85.451	ng	100
71) Phenanthrene	17.362	178	692810	44.571	ng	99
72) Anthracene	17.456	178	692685	44.991	ng	99
73) Carbazole	17.745	167	570204	45.526	ng	100
74) Di-n-butylphthalate	18.262	149	786123	44.695	ng	100
75) Fluoranthene	19.374	202	750214	41.088	ng	98
77) Benzidine	19.586	184	211665	97.767	ng	98
78) Pyrene	19.744	202	767875	49.546	ng	99
80) Butylbenzylphthalate	20.621	149	312223	47.168	ng	99
81) Benzo(a)anthracene	21.486	228	647886	45.117	ng	99
82) 3,3'-Dichlorobenzidine	21.427	252	243463	53.345	ng	99
83) Chrysene	21.538	228	611250	41.904	ng	100
84) Bis(2-ethylhexyl)phtha...	21.362	149	459356	45.918	ng	100
85) Di-n-octyl phthalate	22.286	149	731414	42.477	ng	98
87) Indeno(1,2,3-cd)pyrene	26.450	276	716782	56.201	ng	# 94
88) Benzo(b)fluoranthene	23.168	252	599581	50.223	ng	99
89) Benzo(k)fluoranthene	23.221	252	588782	44.259	ng	98
90) Benzo(a)pyrene	23.809	252	507337	43.164	ng	# 97
91) Dibenzo(a,h)anthracene	26.462	278	597773	50.531	ng	96
92) Benzo(g,h,i)perylene	27.244	276	594872	52.921	ng	# 95

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

