

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103023\
 Data File : BM042498.D
 Acq On : 30 Oct 2023 17:36
 Operator : MA/JU
 Sample : PB156526BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB156526BS

Manual Integrations
 APPROVED

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

Quant Time: Oct 31 03:44:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 02:55:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	99395	20.000	ng	0.00
21) Naphthalene-d8	10.751	136	391894	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	209687	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	393078	20.000	ng	0.00
76) Chrysene-d12	21.509	240	308730	20.000	ng	0.00
86) Perylene-d12	23.927	264	295438	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	620835	100.805	ng	0.00
7) Phenol-d6	7.098	99	786388	93.102	ng	0.00
23) Nitrobenzene-d5	9.134	82	784111	93.271	ng	0.00
42) 2,4,6-Tribromophenol	16.074	330	247890	90.549	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	1534662	98.482	ng	0.00
79) Terphenyl-d14	19.945	244	1938902	106.488	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	112160	38.214	ng	97
3) Pyridine	3.757	79	295709	35.121	ng	99
4) n-Nitrosodimethylamine	3.675	42	191671	47.304	ng	96
6) Aniline	7.275	93	363842	33.888	ng	100
8) 2-Chlorophenol	7.487	128	322020	48.491	ng	99
9) Benzaldehyde	7.093	77	151073	31.034	ng	99
10) Phenol	7.128	94	412557	48.093	ng	99
11) bis(2-Chloroethyl)ether	7.369	93	327486	45.126	ng	99
12) 1,3-Dichlorobenzene	7.804	146	343884	47.914	ng	99
13) 1,4-Dichlorobenzene	7.963	146	349156	48.069	ng	98
14) 1,2-Dichlorobenzene	8.275	146	332662	47.436	ng	98
15) Benzyl Alcohol	8.198	79	289205	48.364	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.463	45	521371m	45.145	ng	
17) 2-Methylphenol	8.381	107	265037	43.634	ng	98
18) Hexachloroethane	8.992	117	139829	49.199	ng	97
19) n-Nitroso-di-n-propyla...	8.757	70	262012	43.850	ng	97
20) 3+4-Methylphenols	8.716	107	356589	43.911	ng	99
22) Acetophenone	8.787	105	464264	46.972	ng	# 100
24) Nitrobenzene	9.175	77	393889	47.570	ng	99
25) Isophorone	9.692	82	675219	45.378	ng	98
26) 2-Nitrophenol	9.875	139	160809	45.840	ng	99
27) 2,4-Dimethylphenol	9.922	122	285950	50.234	ng	100
28) bis(2-Chloroethoxy)met...	10.175	93	425475	47.462	ng	100
29) 2,4-Dichlorophenol	10.398	162	279433	49.612	ng	100
30) 1,2,4-Trichlorobenzene	10.598	180	308339	49.953	ng	99
31) Naphthalene	10.798	128	952569	47.047	ng	100
32) Benzoic acid	10.081	122	192091	42.047	ng	96
33) 4-Chloroaniline	10.945	127	126508	16.024	ng	98
34) Hexachlorobutadiene	11.022	225	188412	50.274	ng	99
35) Caprolactam	11.804	113	79751	40.300	ng	98
36) 4-Chloro-3-methylphenol	12.051	107	292246	45.592	ng	97
37) 2-Methylnaphthalene	12.404	142	630310	44.203	ng	99
38) 1-Methylnaphthalene	12.622	142	587632	43.782	ng	99
40) 1,2,4,5-Tetrachloroben...	12.757	216	325859	52.018	ng	99
41) Hexachlorocyclopentadiene	12.698	237	497456	128.465	ng	99
43) 2,4,6-Trichlorophenol	13.016	196	212883	53.057	ng	96

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44) 2,4,5-Trichlorophenol	13.086	196	227330	47.613	ng	98
46) 1,1'-Biphenyl	13.416	154	795498	49.629	ng	99
47) 2-Chloronaphthalene	13.463	162	612618	52.098	ng	98
48) 2-Nitroaniline	13.704	65	203436	43.356	ng	97
49) Acenaphthylene	14.310	152	952137	48.891	ng	99
50) Dimethylphthalate	14.051	163	715861	45.677	ng	100
51) 2,6-Dinitrotoluene	14.192	165	151339	46.855	ng	97
52) Acenaphthene	14.645	154	571764	48.376	ng	99
53) 3-Nitroaniline	14.533	138	87214	26.247	ng	99
54) 2,4-Dinitrophenol	14.733	184	191249	83.109	ng	99
55) Dibenzofuran	14.980	168	901447	46.910	ng	100
56) 4-Nitrophenol	14.833	139	257424	87.037	ng	98
57) 2,4-Dinitrotoluene	14.974	165	201286	41.693	ng	99
58) Fluorene	15.627	166	718934	46.239	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.198	232	195499	48.613	ng	99
60) Diethylphthalate	15.398	149	709276	44.672	ng	99
61) 4-Chlorophenyl-phenyle...	15.616	204	369861	47.086	ng	99
62) 4-Nitroaniline	15.698	138	116175	37.355	ng	97
63) Azobenzene	15.910	77	811075	46.356	ng	100
65) 4,6-Dinitro-2-methylph...	15.721	198	116511	46.337	ng	99
66) n-Nitrosodiphenylamine	15.845	169	593894	53.584	ng	99
67) 4-Bromophenyl-phenylether	16.515	248	210612	53.584	ng	97
68) Hexachlorobenzene	16.592	284	240212	55.243	ng	99
69) Atrazine	16.798	200	205998	64.323	ng	99
70) Pentachlorophenol	16.957	266	318470	99.622	ng	98
71) Phenanthrene	17.374	178	1036693	50.467	ng	99
72) Anthracene	17.462	178	1037252	50.979	ng	99
73) Carbazole	17.751	167	887656	53.627	ng	99
74) Di-n-butylphthalate	18.274	149	1127924	48.525	ng	99
75) Fluoranthene	19.386	202	1108650	45.945	ng	99
77) Benzidine	19.598	184	230993	78.001	ng	99
78) Pyrene	19.751	202	1165110	54.960	ng	100
80) Butylbenzylphthalate	20.633	149	465734	51.437	ng	98
81) Benzo(a)anthracene	21.492	228	981429	49.963	ng	100
82) 3,3'-Dichlorobenzidine	21.439	252	249943	40.037	ng	100
83) Chrysene	21.545	228	936791	46.949	ng	100
84) Bis(2-ethylhexyl)phtha...	21.380	149	661734	48.358	ng	99
85) Di-n-octyl phthalate	22.309	149	1083565	46.004	ng	100
87) Indeno(1,2,3-cd)pyrene	26.462	276	952971	54.196	ng	99
88) Benzo(b)fluoranthene	23.180	252	894646	54.355	ng	100
89) Benzo(k)fluoranthene	23.233	252	924659	50.415	ng	99
90) Benzo(a)pyrene	23.821	252	776161	47.897	ng	100
91) Dibenzo(a,h)anthracene	26.480	278	768238	47.384	ng	98
92) Benzo(g,h,i)perylene	27.256	276	831267	53.639	ng	98

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

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