

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051424\
 Data File : BM045735.D
 Acq On : 14 May 2024 17:26
 Operator : MA/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM051424

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024
 Supervised By :mohammad ahmed 05/17/2024

Quant Time: May 15 01:46:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 01:43:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	79743	20.000	ng	0.00
21) Naphthalene-d8	10.339	136	363345	20.000	ng	0.00
39) Acenaphthene-d10	14.204	164	263107	20.000	ng	0.00
64) Phenanthrene-d10	16.951	188	660570	20.000	ng	0.00
76) Chrysene-d12	21.174	240	451179	20.000	ng	0.00
86) Perylene-d12	23.968	264	423044	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.257	112	382090	77.136	ng	0.00
7) Phenol-d6	6.851	99	473924	79.813	ng	0.00
23) Nitrobenzene-d5	8.740	82	664064	77.548	ng	0.00
42) 2,4,6-Tribromophenol	15.710	330	301639	78.227	ng	0.00
45) 2-Fluorobiphenyl	12.833	172	1499842	77.357	ng	0.00
79) Terphenyl-d14	19.592	244	3301425	75.595	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.205	88	58964	38.624	ng	98
3) Pyridine	3.622	79	227331m	41.516	ng	
4) n-Nitrosodimethylamine	3.511	42	131964	40.174	ng	98
6) Aniline	6.957	93	198746	39.555	ng	99
8) 2-Chlorophenol	7.175	128	177064	38.853	ng	98
9) Benzaldehyde	6.751	77	168296	38.921	ng	99
10) Phenol	6.875	94	217620	38.909	ng	100
11) bis(2-Chloroethyl)ether	7.034	93	184263	38.928	ng	99
12) 1,3-Dichlorobenzene	7.463	146	227817	38.728	ng	98
13) 1,4-Dichlorobenzene	7.610	146	237874	39.572	ng	97
14) 1,2-Dichlorobenzene	7.928	146	214931	39.073	ng	95
15) Benzyl Alcohol	7.869	79	220611	40.200	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.122	45	182366m	38.219	ng	
17) 2-Methylphenol	8.087	107	157309	40.220	ng	97
18) Hexachloroethane	8.640	117	108287	40.358	ng	98
19) n-Nitroso-di-n-propyla...	8.410	70	186977	41.087	ng	98
20) 3+4-Methylphenols	8.422	107	225027	39.625	ng	93
22) Acetophenone	8.416	105	345457	38.195	ng	99
24) Nitrobenzene	8.781	77	314109	38.171	ng	98
25) Isophorone	9.328	82	477937	39.567	ng	98
26) 2-Nitrophenol	9.487	139	112088	40.435	ng	98
27) 2,4-Dimethylphenol	9.592	122	134912	39.078	ng	99
28) bis(2-Chloroethoxy)met...	9.792	93	263855	38.714	ng	98
29) 2,4-Dichlorophenol	10.034	162	197861	39.870	ng	99
30) 1,2,4-Trichlorobenzene	10.204	180	230822	38.334	ng	99
31) Naphthalene	10.392	128	708256	38.944	ng	98
32) Benzoic acid	9.834	122	139042	41.656	ng	97
33) 4-Chloroaniline	10.557	127	261637	39.865	ng	99
34) Hexachlorobutadiene	10.681	225	153954	38.803	ng	99
35) Caprolactam	11.445	113	62892	39.671	ng	95
36) 4-Chloro-3-methylphenol	11.716	107	251310	40.471	ng	97
37) 2-Methylnaphthalene	12.010	142	524737	39.178	ng	99
38) 1-Methylnaphthalene	12.233	142	514678	39.151	ng	98
40) 1,2,4,5-Tetrachloroben...	12.375	216	265848	37.834	ng	98
41) Hexachlorocyclopentadiene	12.363	237	118555	38.265	ng	97
43) 2,4,6-Trichlorophenol	12.657	196	183318	40.175	ng	99

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44) 2,4,5-Trichlorophenol	12.745	196	203252	39.475	ng	99
46) 1,1'-Biphenyl	13.039	154	729918	39.290	ng	100
47) 2-Chloronaphthalene	13.075	162	560364	38.910	ng	99
48) 2-Nitroaniline	13.328	65	207045	40.830	ng	98
49) Acenaphthylene	13.928	152	910674	39.812	ng	99
50) Dimethylphthalate	13.710	163	747075	38.743	ng	100
51) 2,6-Dinitrotoluene	13.810	165	165604	39.335	ng	93
52) Acenaphthene	14.269	154	554778	39.489	ng	99
53) 3-Nitroaniline	14.169	138	164309	39.759	ng	92
54) 2,4-Dinitrophenol	14.345	184	94547	38.939	ng	96
55) Dibenzofuran	14.610	168	956713	39.928	ng	99
56) 4-Nitrophenol	14.545	139	150341	42.458	ng	99
57) 2,4-Dinitrotoluene	14.604	165	266459	41.012	ng	98
58) Fluorene	15.257	166	875832	40.368	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.863	232	198802	40.564	ng	100
60) Diethylphthalate	15.074	149	905279	40.128	ng	99
61) 4-Chlorophenyl-phenyle...	15.263	204	431635	40.348	ng	99
62) 4-Nitroaniline	15.345	138	184497	41.105	ng	94
63) Azobenzene	15.557	77	922621	40.361	ng	99
65) 4,6-Dinitro-2-methylph...	15.357	198	142601	38.000	ng	88
66) n-Nitrosodiphenylamine	15.486	169	662592	39.577	ng	99
67) 4-Bromophenyl-phenylether	16.157	248	251543	39.157	ng	99
68) Hexachlorobenzene	16.257	284	301718	38.585	ng	99
69) Atrazine	16.463	200	211753	39.687	ng	99
70) Pentachlorophenol	16.627	266	200222	40.706	ng	99
71) Phenanthrene	16.998	178	1327663	39.734	ng	99
72) Anthracene	17.086	178	1260894	39.397	ng	100
73) Carbazole	17.380	167	1227667	39.605	ng	100
74) Di-n-butylphthalate	17.945	149	1622284	39.968	ng	100
75) Fluoranthene	19.015	202	1639058	39.224	ng	99
77) Benzidine	19.233	184	401497	39.058	ng	99
78) Pyrene	19.374	202	1608943	39.464	ng	99
80) Butylbenzylphthalate	20.304	149	692451	38.855	ng	100
81) Benzo(a)anthracene	21.156	228	1195085	38.891	ng	99
82) 3,3'-Dichlorobenzidine	21.104	252	491758	39.018	ng	99
83) Chrysene	21.215	228	1109859	39.146	ng	99
84) Bis(2-ethylhexyl)phtha...	21.098	149	1016925	39.343	ng	99
85) Di-n-octyl phthalate	22.162	149	1267896	38.938	ng	99
87) Indeno(1,2,3-cd)pyrene	27.085	276	957510	38.309	ng	99
88) Benzo(b)fluoranthene	23.097	252	1177183	38.980	ng	99
89) Benzo(k)fluoranthene	23.156	252	1067639	39.153	ng	100
90) Benzo(a)pyrene	23.839	252	952302	39.326	ng	99
91) Dibenzo(a,h)anthracene	27.138	278	774382	37.851	ng	98
92) Benzo(g,h,i)perylene	28.056	276	867609	38.715	ng	99

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

