

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052824\
 Data File : BP020465.D
 Acq On : 28 May 2024 17:07
 Operator : MA/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/29/2024
 Supervised By :mohammad ahmed 05/30/2024

Quant Time: May 29 01:33:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 01:22:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	382512	20.000	ng	0.00
21) Naphthalene-d8	10.546	136	1574477	20.000	ng	0.00
39) Acenaphthene-d10	14.404	164	1027089	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	2027443	20.000	ng	0.01
76) Chrysene-d12	21.675	240	1275328	20.000	ng	0.00
86) Perylene-d12	25.039	264	1409874	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	3334779	153.421	ng	0.00
7) Phenol-d6	6.940	99	4657915	156.689	ng	0.00
23) Nitrobenzene-d5	8.922	82	4440198	157.304	ng	0.00
42) 2,4,6-Tribromophenol	15.928	330	1805261	186.406	ng	0.01
45) 2-Fluorobiphenyl	13.022	172	9591077	135.645	ng	0.01
79) Terphenyl-d14	19.951	244	12010039	159.489	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.328	88	663679	74.029	ng	99
3) Pyridine	3.717	79	1958025m	79.344	ng	
4) n-Nitrosodimethylamine	3.634	42	927971	77.089	ng	99
6) Aniline	7.111	93	2332619	78.453	ng	99
8) 2-Chlorophenol	7.340	128	1828857	77.442	ng	100
10) Phenol	6.969	94	2375074	78.104	ng	99
11) bis(2-Chloroethyl)ether	7.205	93	1918489	76.798	ng	99
12) 1,3-Dichlorobenzene	7.658	146	2118884	74.933	ng	99
13) 1,4-Dichlorobenzene	7.799	146	2162127	75.461	ng	100
14) 1,2-Dichlorobenzene	8.116	146	2035607	74.461	ng	100
15) Benzyl Alcohol	8.011	79	1734592	81.828	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.299	45	2812944m	75.312	ng	
17) 2-Methylphenol	8.193	107	1583551	78.455	ng	99
18) Hexachloroethane	8.834	117	797480	77.294	ng	98
19) n-Nitroso-di-n-propyla...	8.575	70	1500734	75.915	ng	97
20) 3+4-Methylphenols	8.528	107	2199304	80.671	ng	100
22) Acetophenone	8.581	105	2903929	74.631	ng	# 98
24) Nitrobenzene	8.958	77	2267881	78.729	ng	99
25) Isophorone	9.487	82	4272050	78.700	ng	99
27) 2,4-Dimethylphenol	9.716	122	1295056	77.726	ng	99
28) bis(2-Chloroethoxy)met...	9.963	93	2550209	75.661	ng	100
29) 2,4-Dichlorophenol	10.187	162	1813363	81.973	ng	99
30) 1,2,4-Trichlorobenzene	10.405	180	2072298	77.086	ng	99
31) Naphthalene	10.593	128	5963654	74.139	ng	100
32) Benzoic acid	9.910	122	1338831	79.332	ng	99
33) 4-Chloroaniline	10.699	127	2362014	78.732	ng	99
34) Hexachlorobutadiene	10.875	225	1297967	77.363	ng	99
35) Caprolactam	11.528	113	660793	92.399	ng	96
36) 4-Chloro-3-methylphenol	11.822	107	2087701	85.001	ng	99
37) 2-Methylnaphthalene	12.204	142	4278830	77.912	ng	99
38) 1-Methylnaphthalene	12.428	142	4155307	76.700	ng	99
40) 1,2,4,5-Tetrachloroben...	12.563	216	2309729	75.434	ng	99
41) Hexachlorocyclopentadiene	12.546	237	852219	79.949	ng	100
43) 2,4,6-Trichlorophenol	12.810	196	1501874	83.851	ng	99
44) 2,4,5-Trichlorophenol	12.887	196	1677108	82.677	ng	99
46) 1,1'-Biphenyl	13.228	154	5360182	72.004	ng	100

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47) 2-Chloronaphthalene	13.257	162	4291436	72.570	ng	99
49) Acenaphthylene	14.128	152	6466850	75.228	ng	99
50) Dimethylphthalate	13.875	163	5233889	76.155	ng	100
51) 2,6-Dinitrotoluene	13.975	165	1229184	86.923	ng	97
52) Acenaphthene	14.469	154	3973221	70.961	ng	99
53) 3-Nitroaniline	14.310	138	1219786	88.329	ng	96
54) 2,4-Dinitrophenol	14.528	184	510485	79.655	ng	94
55) Dibenzofuran	14.810	168	6259263	74.170	ng	99
56) 4-Nitrophenol	14.622	139	972855	90.784	ng	96
57) 2,4-Dinitrotoluene	14.781	165	1666309	81.881	ng	98
58) Fluorene	15.475	166	4842021	73.209	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.034	232	1372773	87.158	ng	100
60) Diethylphthalate	15.269	149	5467923	80.208	ng	98
61) 4-Chlorophenyl-phenyle...	15.475	204	2547427	74.822	ng	98
62) 4-Nitroaniline	15.504	138	1205233	89.934	ng	98
63) Azobenzene	15.775	77	4987875	75.623	ng	99
65) 4,6-Dinitro-2-methylph...	15.551	198	755008	79.824	ng	94
66) n-Nitrosodiphenylamine	15.698	169	4350225	73.963	ng	100
67) 4-Bromophenyl-phenylether	16.392	248	1660989	78.019	ng	98
68) Hexachlorobenzene	16.487	284	1929718	77.896	ng	99
69) Atrazine	16.687	200	1483679	80.068	ng	99
70) Pentachlorophenol	16.845	266	1215611	90.164	ng	100
71) Phenanthrene	17.257	178	7298569	72.831	ng	99
72) Anthracene	17.351	178	7391137	75.569	ng	99
73) Carbazole	17.634	167	6712527	74.444	ng	99
74) Di-n-butylphthalate	18.239	149	8488560	82.193	ng	99
75) Fluoranthene	19.351	202	7892091	74.063	ng	99
77) Benzidine	19.545	184	1852062	52.424	ng	99
78) Pyrene	19.728	202	7871070	81.923	ng	99
80) Butylbenzylphthalate	20.692	149	2758876	81.394	ng	99
81) Benzo(a)anthracene	21.657	228	6358018	75.869	ng	100
82) 3,3'-Dichlorobenzidine	21.580	252	1979856	76.109	ng	99
83) Chrysene	21.733	228	5954386	74.838	ng	99
84) Bis(2-ethylhexyl)phtha...	21.616	149	3930728	86.568	ng	99
85) Di-n-octyl phthalate	22.933	149	6324438	77.261	ng	98
87) Indeno(1,2,3-cd)pyrene	28.886	276	7771764m	80.310	ng	
88) Benzo(b)fluoranthene	23.980	252	6451112	78.777	ng	99
89) Benzo(k)fluoranthene	24.063	252	6311299	79.172	ng	98
90) Benzo(a)pyrene	24.898	252	5772361	80.073	ng	100
91) Dibenzo(a,h)anthracene	28.986	278	6432431	80.067	ng	99
92) Benzo(g,h,i)perylene	30.086	276	6449060	79.186	ng	98

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

