

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020224\
 Data File : BP019535.D
 Acq On : 02 Feb 2024 19:36
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 02 23:54:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
 Supervised By :mohammad ahmed 02/06/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	67685	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	239896	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	154433	20.000	ng	0.00
64) Phenanthrene-d10	17.298	188	352154	20.000	ng	0.00
76) Chrysene-d12	21.392	240	400634	20.000	ng	0.00
86) Perylene-d12	23.804	264	492007	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	334271	79.607	ng	0.00
7) Phenol-d6	7.081	99	425884	75.220	ng	0.00
23) Nitrobenzene-d5	9.081	82	442528	79.932	ng	0.00
42) 2,4,6-Tribromophenol	16.034	330	192694	85.458	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	971259	77.749	ng	0.00
79) Terphenyl-d14	19.863	244	1817638	74.611	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	67869	41.952	ng	98
3) Pyridine	3.781	79	173744m	39.613	ng	
4) n-Nitrosodimethylamine	3.705	42	80343	42.074	ng	93
6) Aniline	7.246	93	206717	37.575	ng	97
8) 2-Chlorophenol	7.475	128	165908	38.485	ng	97
9) Benzaldehyde	7.058	77	127020	31.999	ng	98
10) Phenol	7.105	94	212739	37.700	ng	97
11) bis(2-Chloroethyl)ether	7.352	93	162992	37.126	ng	99
12) 1,3-Dichlorobenzene	7.799	146	208667	39.557	ng	95
13) 1,4-Dichlorobenzene	7.946	146	210199	39.331	ng	99
14) 1,2-Dichlorobenzene	8.263	146	200331	38.742	ng	98
15) Benzyl Alcohol	8.158	79	165279	36.535	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.446	45	158940m	36.204	ng	
17) 2-Methylphenol	8.357	107	139956	36.839	ng	97
18) Hexachloroethane	8.987	117	80845	39.027	ng	96
19) n-Nitroso-di-n-propyla...	8.728	70	135440	35.022	ng	96
20) 3+4-Methylphenols	8.687	107	190021	36.649	ng	97
22) Acetophenone	8.740	105	264329	38.677	ng	# 97
24) Nitrobenzene	9.122	77	221866	39.802	ng	99
25) Isophorone	9.646	82	364575	37.812	ng	99
26) 2-Nitrophenol	9.828	139	83942	39.495	ng	99
27) 2,4-Dimethylphenol	9.887	122	106021	39.011	ng	97
28) bis(2-Chloroethoxy)met...	10.140	93	208039	38.136	ng	99
29) 2,4-Dichlorophenol	10.357	162	164544	40.052	ng	97
30) 1,2,4-Trichlorobenzene	10.575	180	202169	40.135	ng	97
31) Naphthalene	10.763	128	517514	39.333	ng	99
32) Benzoic acid	10.016	122	103138	38.950	ng	95
33) 4-Chloroaniline	10.881	127	191882	39.435	ng	98
34) Hexachlorobutadiene	11.034	225	154021	41.261	ng	97
35) Caprolactam	11.663	113	46959	40.376	ng	98
36) 4-Chloro-3-methylphenol	11.998	107	177664	39.661	ng	98
37) 2-Methylnaphthalene	12.369	142	357453	39.257	ng	98
38) 1-Methylnaphthalene	12.587	142	353354	39.490	ng	99
40) 1,2,4,5-Tetrachloroben...	12.734	216	232636	39.060	ng	99
41) Hexachlorocyclopentadiene	12.704	237	108498	40.325	ng	98
43) 2,4,6-Trichlorophenol	12.975	196	142136	39.412	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.046	196	158587	40.046	ng	98
46) 1,1'-Biphenyl	13.381	154	477616	38.749	ng	99
47) 2-Chloronaphthalene	13.422	162	392577	38.800	ng	98
48) 2-Nitroaniline	13.634	65	114820	40.584	ng	99
49) Acenaphthylene	14.269	152	559443	39.411	ng	99
50) Dimethylphthalate	14.016	163	477857	40.420	ng	99
51) 2,6-Dinitrotoluene	14.134	165	105850	40.752	ng	99
52) Acenaphthene	14.610	154	350278	39.758	ng	99
53) 3-Nitroaniline	14.457	138	101454	42.502	ng	98
54) 2,4-Dinitrophenol	14.663	184	57642	42.741	ng	96
55) Dibenzofuran	14.945	168	576901	40.204	ng	99
56) 4-Nitrophenol	14.757	139	85371	43.634	ng	97
57) 2,4-Dinitrotoluene	14.916	165	150143	44.111	ng	98
58) Fluorene	15.592	166	470228	41.144	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.169	232	144067	43.250	ng	98
60) Diethylphthalate	15.381	149	485726	41.306	ng	99
61) 4-Chlorophenyl-phenyle...	15.598	204	261548	40.716	ng	96
62) 4-Nitroaniline	15.622	138	112594	45.000	ng	94
63) Azobenzene	15.887	77	467877	41.146	ng	99
65) 4,6-Dinitro-2-methylph...	15.675	198	83950	41.808	ng	98
66) n-Nitrosodiphenylamine	15.810	169	400984	38.020	ng	99
67) 4-Bromophenyl-phenylether	16.492	248	163820	37.212	ng	97
68) Hexachlorobenzene	16.592	284	198390	38.590	ng	96
69) Atrazine	16.775	200	147041	42.015	ng	99
70) Pentachlorophenol	16.939	266	135445	42.307	ng	98
71) Phenanthrene	17.339	178	743958	40.143	ng	99
72) Anthracene	17.433	178	743759	40.231	ng	100
73) Carbazole	17.710	167	704591	41.953	ng	99
74) Di-n-butylphthalate	18.269	149	828519	40.800	ng	99
75) Fluoranthene	19.304	202	984681	43.494	ng	99
77) Benzidine	19.498	184	403136	48.130	ng	99
78) Pyrene	19.657	202	1029612	36.414	ng	100
80) Butylbenzylphthalate	20.551	149	392243	37.147	ng	98
81) Benzo(a)anthracene	21.374	228	1111784	39.423	ng	99
82) 3,3'-Dichlorobenzidine	21.310	252	413104	40.198	ng	100
83) Chrysene	21.427	228	1062413	39.679	ng	99
84) Bis(2-ethylhexyl)phtha...	21.322	149	606534	37.722	ng	99
85) Di-n-octyl phthalate	22.269	149	1061337	37.517	ng	100
87) Indeno(1,2,3-cd)pyrene	26.333	276	1466416	38.937	ng	99
88) Benzo(b)fluoranthene	23.069	252	1269620	40.944	ng	99
89) Benzo(k)fluoranthene	23.121	252	1151223	38.865	ng	99
90) Benzo(a)pyrene	23.704	252	1096732	39.750	ng	99
91) Dibenzo(a,h)anthracene	26.368	278	1207120	38.971	ng	99
92) Benzo(g,h,i)perylene	27.104	276	1215346	38.675	ng	99

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

