

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021324\
 Data File : BP019678.D
 Acq On : 13 Feb 2024 13:12
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/15/2024
 Supervised By :mohammad ahmed 02/15/2024

Quant Time: Feb 13 13:38:41 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	80099	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	306728	20.000	ng	-0.01
39) Acenaphthene-d10	14.539	164	204462	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	479460	20.000	ng	0.00
76) Chrysene-d12	21.392	240	498876	20.000	ng	# 0.00
86) Perylene-d12	23.815	264	566170	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	401965	80.892	ng	-0.01
7) Phenol-d6	7.075	99	550055	82.095	ng	-0.01
23) Nitrobenzene-d5	9.075	82	567752	80.206	ng	-0.01
42) 2,4,6-Tribromophenol	16.033	330	302703	101.398	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1302694	78.764	ng	-0.01
79) Terphenyl-d14	19.862	244	2503022	82.512	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	70970	37.069	ng	99
3) Pyridine	3.781	79	206765	39.835	ng	98
4) n-Nitrosodimethylamine	3.704	42	96010	42.486	ng	91
6) Aniline	7.234	93	263428	40.462	ng	100
8) 2-Chlorophenol	7.463	128	209984	41.160	ng	99
9) Benzaldehyde	7.051	77	209571	44.612	ng	97
10) Phenol	7.098	94	270884	40.564	ng	97
11) bis(2-Chloroethyl)ether	7.340	93	202945	39.062	ng	99
12) 1,3-Dichlorobenzene	7.787	146	257205	41.202	ng	98
13) 1,4-Dichlorobenzene	7.940	146	260030	41.114	ng	98
14) 1,2-Dichlorobenzene	8.251	146	248333	40.582	ng	98
15) Benzyl Alcohol	8.151	79	217152	40.562	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.440	45	190927m	36.749	ng	
17) 2-Methylphenol	8.351	107	182265	40.540	ng	96
18) Hexachloroethane	8.969	117	97315	39.697	ng	94
19) n-Nitroso-di-n-propyla...	8.722	70	172364	37.662	ng	97
20) 3+4-Methylphenols	8.681	107	250579	40.839	ng	98
22) Acetophenone	8.734	105	341530	39.085	ng	# 99
24) Nitrobenzene	9.116	77	281574	39.507	ng	99
25) Isophorone	9.639	82	484909	39.334	ng	99
26) 2-Nitrophenol	9.822	139	119190	43.860	ng	100
27) 2,4-Dimethylphenol	9.881	122	137593	39.596	ng	99
28) bis(2-Chloroethoxy)met...	10.128	93	268932	38.557	ng	99
29) 2,4-Dichlorophenol	10.351	162	222102	42.282	ng	99
30) 1,2,4-Trichlorobenzene	10.563	180	270059	41.931	ng	99
31) Naphthalene	10.751	128	667083	39.654	ng	100
32) Benzoic acid	10.034	122	149627	44.195	ng	98
33) 4-Chloroaniline	10.875	127	256537	41.235	ng	98
34) Hexachlorobutadiene	11.022	225	201001	42.114	ng	98
35) Caprolactam	11.681	113	69100	46.468	ng	97
36) 4-Chloro-3-methylphenol	11.998	107	241702	42.200	ng	100
37) 2-Methylnaphthalene	12.363	142	471102	40.465	ng	99
38) 1-Methylnaphthalene	12.580	142	463746	40.534	ng	100
40) 1,2,4,5-Tetrachloroben...	12.728	216	318967	40.450	ng	98
41) Hexachlorocyclopentadiene	12.698	237	156872	44.038	ng	98
43) 2,4,6-Trichlorophenol	12.975	196	200527	41.997	ng	95

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44) 2,4,5-Trichlorophenol	13.045	196	226412	43.183	ng	98
46) 1,1'-Biphenyl	13.375	154	632258	38.744	ng	99
47) 2-Chloronaphthalene	13.416	162	520206	38.833	ng	99
48) 2-Nitroaniline	13.627	65	158398	42.287	ng	98
49) Acenaphthylene	14.263	152	750820	39.950	ng	100
50) Dimethylphthalate	14.010	163	653663	41.762	ng	99
51) 2,6-Dinitrotoluene	14.133	165	149802	43.561	ng	93
52) Acenaphthene	14.604	154	461143	39.534	ng	99
53) 3-Nitroaniline	14.457	138	139960	44.286	ng	98
54) 2,4-Dinitrophenol	14.669	184	83878	46.977	ng	96
55) Dibenzofuran	14.939	168	773199	40.699	ng	99
56) 4-Nitrophenol	14.769	139	119859	46.272	ng	96
57) 2,4-Dinitrotoluene	14.916	165	211756	46.989	ng	99
58) Fluorene	15.592	166	634197	41.913	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.163	232	204003	46.258	ng	96
60) Diethylphthalate	15.374	149	742686	47.704	ng	99
61) 4-Chlorophenyl-phenyle...	15.586	204	364135	42.816	ng	96
62) 4-Nitroaniline	15.627	138	151090	45.610	ng	97
63) Azobenzene	15.880	77	594486	39.488	ng	97
65) 4,6-Dinitro-2-methylph...	15.680	198	131610	48.140	ng	92
66) n-Nitrosodiphenylamine	15.810	169	546778	38.078	ng	99
67) 4-Bromophenyl-phenylether	16.486	248	245629	40.980	ng	96
68) Hexachlorobenzene	16.586	284	288024	41.150	ng	97
69) Atrazine	16.769	200	186059	39.048	ng	96
70) Pentachlorophenol	16.939	266	203918	46.782	ng	99
71) Phenanthrene	17.339	178	1002226	39.720	ng	99
72) Anthracene	17.433	178	1005212	39.936	ng	99
73) Carbazole	17.710	167	954405	41.738	ng	99
74) Di-n-butylphthalate	18.268	149	1130270	40.880	ng	100
75) Fluoranthene	19.310	202	1347571	43.718	ng	99
77) Benzidine	19.498	184	286061	27.427	ng	99
78) Pyrene	19.657	202	1391245	39.514	ng	99
80) Butylbenzylphthalate	20.551	149	507396	38.590	ng	98
81) Benzo(a)anthracene	21.374	228	1421256	40.472	ng	100
82) 3,3'-Dichlorobenzidine	21.315	252	512571	40.055	ng	97
83) Chrysene	21.427	228	1325612	39.760	ng	100
84) Bis(2-ethylhexyl)phtha...	21.315	149	737813	36.850	ng	100
85) Di-n-octyl phthalate	22.262	149	1246765	35.392	ng	100
87) Indeno(1,2,3-cd)pyrene	26.350	276	1700407	39.236	ng	98
88) Benzo(b)fluoranthene	23.074	252	1477576	41.408	ng	99
89) Benzo(k)fluoranthene	23.127	252	1392449m	40.851	ng	
90) Benzo(a)pyrene	23.709	252	1305672	41.124	ng	# 99
91) Dibenzo(a,h)anthracene	26.374	278	1397143	39.197	ng	97
92) Benzo(g,h,i)perylene	27.121	276	1398826	38.683	ng	97

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

