

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021524\
 Data File : BP019715.D
 Acq On : 15 Feb 2024 10:35
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/17/2024
 Supervised By :mohammad ahmed 02/17/2024

Quant Time: Feb 15 11:04:25 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	7.910	152	85449	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	315760	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	211315	20.000	ng	0.00
64) Phenanthrene-d10	17.298	188	499991	20.000	ng	0.00
76) Chrysene-d12	21.392	240	478788	20.000	ng	0.00
86) Perylene-d12	23.816	264	572219	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	425239	80.218	ng	0.00
7) Phenol-d6	7.081	99	570666	79.838	ng	0.00
23) Nitrobenzene-d5	9.081	82	579397	79.510	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	318668	103.284	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1336488	78.187	ng	-0.01
79) Terphenyl-d14	19.869	244	2491229	85.569	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.381	88	72236	35.368	ng	100
3) Pyridine	3.787	79	209207	37.782	ng	99
4) n-Nitrosodimethylamine	3.705	42	94574	39.230	ng	99
6) Aniline	7.240	93	272387	39.219	ng	99
8) 2-Chlorophenol	7.469	128	219971	40.418	ng	97
9) Benzaldehyde	7.058	77	212050	42.314	ng	97
10) Phenol	7.111	94	280258	39.340	ng	100
11) bis(2-Chloroethyl)ether	7.346	93	206886	37.327	ng	100
12) 1,3-Dichlorobenzene	7.793	146	269019	40.396	ng	99
13) 1,4-Dichlorobenzene	7.946	146	271833	40.290	ng	98
14) 1,2-Dichlorobenzene	8.258	146	265217	40.627	ng	99
15) Benzyl Alcohol	8.158	79	225319	39.453	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.446	45	197015m	35.547	ng	
17) 2-Methylphenol	8.358	107	190124	39.641	ng	99
18) Hexachloroethane	8.975	117	102665	39.257	ng	98
19) n-Nitroso-di-n-propyla...	8.728	70	176388	36.128	ng	98
20) 3+4-Methylphenols	8.687	107	260446	39.789	ng	98
22) Acetophenone	8.740	105	349358	38.837	ng	# 97
24) Nitrobenzene	9.122	77	290732	39.626	ng	99
25) Isophorone	9.652	82	494838	38.992	ng	98
26) 2-Nitrophenol	9.828	139	128028	45.764	ng	98
27) 2,4-Dimethylphenol	9.893	122	145933	40.795	ng	95
28) bis(2-Chloroethoxy)met...	10.134	93	272721	37.981	ng	99
29) 2,4-Dichlorophenol	10.363	162	228629	42.280	ng	95
30) 1,2,4-Trichlorobenzene	10.575	180	277139	41.799	ng	99
31) Naphthalene	10.763	128	698046	40.307	ng	100
32) Benzoic acid	10.052	122	168146	48.244	ng	97
33) 4-Chloroaniline	10.881	127	258255	40.324	ng	99
34) Hexachlorobutadiene	11.028	225	206735	42.077	ng	100
35) Caprolactam	11.699	113	71447	46.672	ng	95
36) 4-Chloro-3-methylphenol	12.004	107	250858	42.545	ng	99
37) 2-Methylnaphthalene	12.369	142	488532	40.762	ng	99
38) 1-Methylnaphthalene	12.587	142	480818	40.824	ng	100
40) 1,2,4,5-Tetrachloroben...	12.734	216	330000	40.492	ng	98
41) Hexachlorocyclopentadiene	12.698	237	160299	43.541	ng	99
43) 2,4,6-Trichlorophenol	12.981	196	207978	42.145	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	234767	43.325	ng	99
46) 1,1'-Biphenyl	13.381	154	642072	38.070	ng	100
47) 2-Chloronaphthalene	13.422	162	540493	39.039	ng	99
48) 2-Nitroaniline	13.634	65	165035	42.630	ng	98
49) Acenaphthylene	14.269	152	776737	39.989	ng	100
50) Dimethylphthalate	14.016	163	677886	41.905	ng	99
51) 2,6-Dinitrotoluene	14.140	165	157329	44.266	ng	93
52) Acenaphthene	14.610	154	480671	39.872	ng	99
53) 3-Nitroaniline	14.469	138	148146	45.356	ng	95
54) 2,4-Dinitrophenol	14.681	184	97500	52.835	ng	96
55) Dibenzofuran	14.945	168	801620	40.827	ng	98
56) 4-Nitrophenol	14.775	139	124025	46.327	ng	98
57) 2,4-Dinitrotoluene	14.928	165	224481	48.198	ng	99
58) Fluorene	15.598	166	666888	42.644	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.175	232	213585	46.860	ng	96
60) Diethylphthalate	15.381	149	682878	42.440	ng	98
61) 4-Chlorophenyl-phenyle...	15.592	204	375341	42.702	ng	96
62) 4-Nitroaniline	15.628	138	159293	46.527	ng	99
63) Azobenzene	15.887	77	604509	38.851	ng	97
65) 4,6-Dinitro-2-methylph...	15.687	198	143431	50.309	ng	97
66) n-Nitrosodiphenylamine	15.810	169	562576	37.570	ng	100
67) 4-Bromophenyl-phenylether	16.492	248	251016	40.159	ng	94
68) Hexachlorobenzene	16.592	284	299586	41.044	ng	95
69) Atrazine	16.775	200	196362	39.518	ng	97
70) Pentachlorophenol	16.945	266	208856	45.948	ng	97
71) Phenanthrene	17.345	178	1053891	40.052	ng	99
72) Anthracene	17.434	178	1047122	39.892	ng	99
73) Carbazole	17.710	167	1001555	42.002	ng	100
74) Di-n-butylphthalate	18.269	149	1151628	39.943	ng	99
75) Fluoranthene	19.310	202	1361604	42.360	ng	98
77) Benzidine	19.498	184	297465	29.717	ng	100
78) Pyrene	19.663	202	1401286	41.469	ng	99
80) Butylbenzylphthalate	20.551	149	503220	39.878	ng	96
81) Benzo(a)anthracene	21.380	228	1360266	40.360	ng	100
82) 3,3'-Dichlorobenzidine	21.316	252	510644	41.579	ng	99
83) Chrysene	21.433	228	1289818	40.309	ng	100
84) Bis(2-ethylhexyl)phtha...	21.316	149	706261	36.755	ng	99
85) Di-n-octyl phthalate	22.257	149	1207593	35.719	ng	100
87) Indeno(1,2,3-cd)pyrene	26.357	276	1715878	39.174	ng	98
88) Benzo(b)fluoranthene	23.080	252	1458233	40.434	ng	99
89) Benzo(k)fluoranthene	23.127	252	1371445	39.810	ng	99
90) Benzo(a)pyrene	23.716	252	1290542	40.218	ng	99
91) Dibenzo(a,h)anthracene	26.386	278	1424887	39.553	ng	98
92) Benzo(g,h,i)perylene	27.139	276	1431139	39.159	ng	98

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

