

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020224\
 Data File : BP019533.D
 Acq On : 02 Feb 2024 17:54
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

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

Quant Time: Feb 02 23:53:48 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	7.911	152	73003	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	267867	20.000	ng	0.00
39) Acenaphthene-d10	14.546	164	162623	20.000	ng	0.00
64) Phenanthrene-d10	17.298	188	358131	20.000	ng	0.00
76) Chrysene-d12	21.392	240	405285	20.000	ng	0.00
86) Perylene-d12	23.804	264	495657	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	355816	78.565	ng	0.00
7) Phenol-d6	7.081	99	474053	77.629	ng	0.00
23) Nitrobenzene-d5	9.081	82	486569	78.710	ng	0.00
42) 2,4,6-Tribromophenol	16.034	330	202400	85.242	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	1057095	80.358	ng	0.00
79) Terphenyl-d14	19.869	244	1834533	74.441	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	71929	41.222	ng	99
3) Pyridine	3.781	79	191320m	40.442	ng	
4) n-Nitrosodimethylamine	3.705	42	86390	41.945	ng	99
6) Aniline	7.246	93	229308	38.645	ng	99
8) 2-Chlorophenol	7.475	128	180328	38.782	ng	97
9) Benzaldehyde	7.058	77	140807	32.888	ng	99
10) Phenol	7.105	94	234255	38.488	ng	96
11) bis(2-Chloroethyl)ether	7.346	93	181252	38.278	ng	98
12) 1,3-Dichlorobenzene	7.799	146	222667	39.136	ng	97
13) 1,4-Dichlorobenzene	7.946	146	226836	39.352	ng	99
14) 1,2-Dichlorobenzene	8.264	146	217537	39.005	ng	98
15) Benzyl Alcohol	8.158	79	183583	37.625	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.446	45	178759	37.752	ng	99
17) 2-Methylphenol	8.358	107	155697	37.997	ng	99
18) Hexachloroethane	8.981	117	88426	39.577	ng	97
19) n-Nitroso-di-n-propyla...	8.728	70	152272	36.506	ng	97
20) 3+4-Methylphenols	8.687	107	214850	38.419	ng	98
22) Acetophenone	8.740	105	298026	39.054	ng	99
24) Nitrobenzene	9.122	77	246432	39.593	ng	97
25) Isophorone	9.646	82	407244	37.827	ng	98
26) 2-Nitrophenol	9.828	139	95559	40.266	ng	100
27) 2,4-Dimethylphenol	9.887	122	118233	38.961	ng	99
28) bis(2-Chloroethoxy)met...	10.140	93	231744	38.045	ng	98
29) 2,4-Dichlorophenol	10.358	162	182112	39.699	ng	98
30) 1,2,4-Trichlorobenzene	10.575	180	224523	39.918	ng	100
31) Naphthalene	10.763	128	576768	39.259	ng	100
32) Benzoic acid	10.016	122	109608	37.072	ng	96
33) 4-Chloroaniline	10.881	127	211190	38.871	ng	99
34) Hexachlorobutadiene	11.034	225	171615	41.174	ng	99
35) Caprolactam	11.663	113	50724	39.059	ng	94
36) 4-Chloro-3-methylphenol	11.999	107	192955	38.576	ng	100
37) 2-Methylnaphthalene	12.369	142	398133	39.159	ng	97
38) 1-Methylnaphthalene	12.587	142	389543	38.988	ng	98
40) 1,2,4,5-Tetrachloroben...	12.728	216	255571	40.749	ng	99
41) Hexachlorocyclopentadiene	12.704	237	120969	42.696	ng	99
43) 2,4,6-Trichlorophenol	12.975	196	153653	40.459	ng	99

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44) 2,4,5-Trichlorophenol	13.046	196	169085	40.546	ng	98
46) 1,1'-Biphenyl	13.387	154	512728	39.503	ng	100
47) 2-Chloronaphthalene	13.422	162	424498	39.841	ng	98
48) 2-Nitroaniline	13.634	65	121642	40.830	ng	98
49) Acenaphthylene	14.263	152	596366	39.896	ng	100
50) Dimethylphthalate	14.016	163	501243	40.263	ng	99
51) 2,6-Dinitrotoluene	14.134	165	112007	40.950	ng	99
52) Acenaphthene	14.610	154	369920	39.873	ng	98
53) 3-Nitroaniline	14.457	138	104988	41.767	ng	97
54) 2,4-Dinitrophenol	14.663	184	61372	43.215	ng	94
55) Dibenzofuran	14.946	168	609644	40.346	ng	99
56) 4-Nitrophenol	14.763	139	87608	42.522	ng	98
57) 2,4-Dinitrotoluene	14.916	165	155440	43.367	ng	100
58) Fluorene	15.593	166	488422	40.583	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.169	232	148731	42.401	ng	99
60) Diethylphthalate	15.381	149	505987	40.862	ng	99
61) 4-Chlorophenyl-phenyle...	15.593	204	273885	40.489	ng	98
62) 4-Nitroaniline	15.622	138	113208	42.967	ng	94
63) Azobenzene	15.887	77	478238	39.939	ng	98
65) 4,6-Dinitro-2-methylph...	15.675	198	84852	41.552	ng	98
66) n-Nitrosodiphenylamine	15.810	169	415257	38.716	ng	99
67) 4-Bromophenyl-phenylether	16.493	248	169324	37.820	ng	98
68) Hexachlorobenzene	16.587	284	205398	39.286	ng	99
69) Atrazine	16.775	200	148033	41.592	ng	98
70) Pentachlorophenol	16.940	266	138112	42.420	ng	98
71) Phenanthrene	17.340	178	748873	39.734	ng	98
72) Anthracene	17.434	178	748953	39.835	ng	99
73) Carbazole	17.710	167	719316	42.115	ng	99
74) Di-n-butylphthalate	18.269	149	841291	40.737	ng	100
75) Fluoranthene	19.304	202	987638	42.896	ng	100
77) Benzidine	19.498	184	450641	53.185	ng	99
78) Pyrene	19.663	202	1042928	36.462	ng	99
80) Butylbenzylphthalate	20.551	149	401869	37.622	ng	99
81) Benzo(a)anthracene	21.375	228	1128768	39.566	ng	100
82) 3,3'-Dichlorobenzidine	21.316	252	417406	40.151	ng	99
83) Chrysene	21.428	228	1065904	39.353	ng	99
84) Bis(2-ethylhexyl)phtha...	21.322	149	605387	37.219	ng	99
85) Di-n-octyl phthalate	22.269	149	1081841	37.803	ng	100
87) Indeno(1,2,3-cd)pyrene	26.339	276	1487710	39.211	ng	99
88) Benzo(b)fluoranthene	23.075	252	1270058	40.656	ng	100
89) Benzo(k)fluoranthene	23.122	252	1173640	39.330	ng	99
90) Benzo(a)pyrene	23.704	252	1115258	40.124	ng	99
91) Dibenzo(a,h)anthracene	26.368	278	1228424	39.367	ng	99
92) Benzo(g,h,i)perylene	27.115	276	1228794	38.815	ng	99

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

