

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121521\
 Data File : BP008409.D
 Acq On : 15 Dec 2021 10:35
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/16/2021
 Supervised By : Jagrut Upadhyay 12/16/2021

Quant Time: Dec 15 13:01:48 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 14 17:59:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	75886	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	275246	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	181373	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	376745	20.000	ng	0.00
76) Chrysene-d12	21.269	240	320508	20.000	ng	0.00
86) Perylene-d12	23.639	264	305964	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	405284	84.342	ng	0.00
7) Phenol-d6	6.946	99	530939	82.269	ng	0.00
23) Nitrobenzene-d5	8.910	82	512698	78.913	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	244184	91.612	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	1108051	77.661	ng	0.00
79) Terphenyl-d14	19.733	244	1725741	93.709	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.252	88	85257	47.560	ng	94
3) Pyridine	3.658	79	244129	42.145	ng	92
4) n-Nitrosodimethylamine	3.564	42	95091	41.597	ng	# 91
6) Aniline	7.081	93	297207	39.788	ng	96
8) 2-Chlorophenol	7.322	128	200270	40.892	ng	96
9) Benzaldehyde	6.893	77	141862	39.458	ng	99
10) Phenol	6.975	94	269813	41.170	ng	99
11) bis(2-Chloroethyl)ether	7.181	93	210845	38.563	ng	97
12) 1,3-Dichlorobenzene	7.634	146	227131	40.103	ng	99
13) 1,4-Dichlorobenzene	7.781	146	230549	39.999	ng	96
14) 1,2-Dichlorobenzene	8.093	146	222987	39.904	ng	98
15) Benzyl Alcohol	8.005	79	214840	41.384	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.281	45	275717	35.644	ng	97
17) 2-Methylphenol	8.216	107	176613	40.737	ng	98
18) Hexachloroethane	8.816	117	84434	39.487	ng	89
19) n-Nitroso-di-n-propyla...	8.563	70	175074	36.574	ng	96
20) 3+4-Methylphenols	8.546	107	240111	40.211	ng	98
22) Acetophenone	8.575	105	329216	40.671	ng	98
24) Nitrobenzene	8.952	77	241664	39.630	ng	97
25) Isophorone	9.487	82	441490	40.609	ng	99
26) 2-Nitrophenol	9.663	139	114386	42.446	ng	# 94
27) 2,4-Dimethylphenol	9.740	122	160064	41.419	ng	99
28) bis(2-Chloroethoxy)met...	9.963	93	271925	40.462	ng	99
29) 2,4-Dichlorophenol	10.210	162	199192	41.944	ng	99
30) 1,2,4-Trichlorobenzene	10.410	180	228128	40.521	ng	99
31) Naphthalene	10.593	128	582189	40.335	ng	100
32) Benzoic acid	9.975	122	136868	48.312	ng	96
33) 4-Chloroaniline	10.716	127	237865	41.137	ng	98
34) Hexachlorobutadiene	10.875	225	166398	40.434	ng	98
35) Caprolactam	11.552	113	43095	47.921	ng	93
36) 4-Chloro-3-methylphenol	11.869	107	222601	41.949	ng	98
37) 2-Methylnaphthalene	12.210	142	406690	40.881	ng	98
38) 1-Methylnaphthalene	12.428	142	396125	40.900	ng	100
40) 1,2,4,5-Tetrachloroben...	12.587	216	265219	38.275	ng	99
41) Hexachlorocyclopentadiene	12.557	237	101486	55.850	ng	99
43) 2,4,6-Trichlorophenol	12.840	196	177253	40.715	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121521\
 Data File : BP008409.D
 Acq On : 15 Dec 2021 10:35
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/16/2021
 Supervised By : Jagrut Upadhyay 12/16/2021

Quant Time: Dec 15 13:01:48 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 14 17:59:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.928	196	187163	41.221	ng	97
46) 1,1'-Biphenyl	13.228	154	552560	39.432	ng	98
47) 2-Chloronaphthalene	13.269	162	437054	39.104	ng	99
48) 2-Nitroaniline	13.493	65	152930	40.682	ng	96
49) Acenaphthylene	14.122	152	662805	40.340	ng	99
50) Dimethylphthalate	13.869	163	575595	41.915	ng	100
51) 2,6-Dinitrotoluene	13.993	165	122730	42.812	ng	91
52) Acenaphthene	14.463	154	396946	40.617	ng	100
53) 3-Nitroaniline	14.328	138	108911	40.327	ng	98
54) 2,4-Dinitrophenol	14.557	184	72168	48.225	ng	96
55) Dibenzofuran	14.804	168	680182	40.911	ng	99
56) 4-Nitrophenol	14.693	139	83358	53.170	ng	93
57) 2,4-Dinitrotoluene	14.793	165	169358	44.219	ng	93
58) Fluorene	15.457	166	539596	41.865	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	171158	44.132	ng	93
60) Diethylphthalate	15.234	149	572477	43.927	ng	99
61) 4-Chlorophenyl-phenyle...	15.451	204	308486	41.888	ng	96
62) 4-Nitroaniline	15.498	138	108903	44.782	ng	93
63) Azobenzene	15.745	77	544609	41.220	ng	98
65) 4,6-Dinitro-2-methylph...	15.569	198	111982	45.493	ng	93
66) n-Nitrosodiphenylamine	15.669	169	473494	39.918	ng	99
67) 4-Bromophenyl-phenylether	16.345	248	200915	40.944	ng	99
68) Hexachlorobenzene	16.469	284	223508	41.359	ng	92
69) Atrazine	16.639	200	120910	46.270	ng	97
70) Pentachlorophenol	16.828	266	122353	50.661	ng	98
71) Phenanthrene	17.204	178	838923	41.107	ng	99
72) Anthracene	17.298	178	836395	41.540	ng	100
73) Carbazole	17.581	167	777715	42.209	ng	100
74) Di-n-butylphthalate	18.128	149	952740	45.069	ng	99
75) Fluoranthene	19.186	202	986525	42.817	ng	98
77) Benzidine	19.392	184	10204	3.139	ng	# 71
78) Pyrene	19.539	202	989473	43.150	ng	100
80) Butylbenzylphthalate	20.416	149	385844	46.215	ng	93
81) Benzo(a)anthracene	21.257	228	892987	41.573	ng	99
82) 3,3'-Dichlorobenzidine	21.186	252	309979	31.365	ng	99
83) Chrysene	21.304	228	851937	41.523	ng	99
84) Bis(2-ethylhexyl)phtha...	21.180	149	517953	44.062	ng	# 97
85) Di-n-octyl phthalate	22.086	149	789271	38.930	ng	97
87) Indeno(1,2,3-cd)pyrene	26.115	276	1028445	42.702	ng	96
88) Benzo(b)fluoranthene	22.916	252	748945	40.692	ng	99
89) Benzo(k)fluoranthene	22.969	252	769368m	41.452	ng	
90) Benzo(a)pyrene	23.533	252	647993	40.564	ng	98
91) Dibenzo(a,h)anthracene	26.121	278	849841	42.152	ng	97
92) Benzo(g,h,i)perylene	26.862	276	866473	43.400	ng	96

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

