

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121621\
 Data File : BP008455.D
 Acq On : 16 Dec 2021 16:32
 Operator : CG/JU
 Sample : M5067-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BASEMS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/17/2021
 Supervised By : Jagrut Upadhyay 12/20/2021

Quant Time: Dec 17 03:22:16 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	7.734	152	55556	20.000	ng	-0.01
21) Naphthalene-d8	10.528	136	193840	20.000	ng	-0.01
39) Acenaphthene-d10	14.387	164	112471	20.000	ng	-0.01
64) Phenanthrene-d10	17.151	188	226634	20.000	ng	#-0.01
76) Chrysene-d12	21.263	240	232355	20.000	ng	# 0.00
86) Perylene-d12	23.633	264	259743	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	414411	117.801	ng	0.00
7) Phenol-d6	6.940	99	465118	98.443	ng	0.00
23) Nitrobenzene-d5	8.899	82	391695	85.607	ng	-0.01
42) 2,4,6-Tribromophenol	15.898	330	216268	130.846	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	749807	84.747	ng	-0.01
79) Terphenyl-d14	19.727	244	1097744	82.223	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	65435	50.115	ng	# 89
3) Pyridine	3.669	79	121836	28.730	ng	98
4) n-Nitrosodimethylamine	3.564	42	83019	49.605	ng	# 98
6) Aniline	7.075	93	59430	10.867	ng	92
8) 2-Chlorophenol	7.310	128	152228	42.457	ng	98
9) Benzaldehyde	6.887	77	104094	39.561	ng	97
10) Phenol	6.963	94	175550	36.589	ng	94
11) bis(2-Chloroethyl)ether	7.169	93	162826	40.678	ng	99
12) 1,3-Dichlorobenzene	7.622	146	176126	42.477	ng	98
13) 1,4-Dichlorobenzene	7.769	146	180075	42.674	ng	96
14) 1,2-Dichlorobenzene	8.087	146	171355	41.886	ng	99
15) Benzyl Alcohol	7.993	79	158303m	41.652	ng	
16) 2,2'-oxybis(1-Chloropr...	8.275	45	237016	41.853	ng	99
17) 2-Methylphenol	8.205	107	127596	40.201	ng	97
18) Hexachloroethane	8.804	117	68303	43.632	ng	94
19) n-Nitroso-di-n-propyla...	8.552	70	129627	36.989	ng	96
20) 3+4-Methylphenols	8.540	107	165750	37.915	ng	94
22) Acetophenone	8.563	105	247923	43.491	ng	97
24) Nitrobenzene	8.940	77	196578	45.775	ng	99
25) Isophorone	9.475	82	322640	42.140	ng	99
26) 2-Nitrophenol	9.652	139	81593	42.993	ng	96
27) 2,4-Dimethylphenol	9.734	122	129662	47.643	ng	99
28) bis(2-Chloroethoxy)met...	9.951	93	195387	41.283	ng	99
29) 2,4-Dichlorophenol	10.216	162	142966	42.747	ng	99
30) 1,2,4-Trichlorobenzene	10.399	180	169938	42.862	ng	98
31) Naphthalene	10.581	128	438571	43.145	ng	99
33) 4-Chloroaniline	10.722	127	26602	6.533	ng	98
34) Hexachlorobutadiene	10.857	225	124071	42.810	ng	95
35) Caprolactam	11.534	113	32329	51.047	ng	99
36) 4-Chloro-3-methylphenol	11.863	107	152653	40.848	ng	94
37) 2-Methylnaphthalene	12.198	142	311997	44.533	ng	97
38) 1-Methylnaphthalene	12.416	142	283370	41.545	ng	99
40) 1,2,4,5-Tetrachloroben...	12.575	216	199906	46.523	ng	99
41) Hexachlorocyclopentadiene	12.545	237	100647	84.135	ng	99
43) 2,4,6-Trichlorophenol	12.834	196	116944	43.319	ng	98
44) 2,4,5-Trichlorophenol	12.928	196	118875	42.220	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121621\
 Data File : BP008455.D
 Acq On : 16 Dec 2021 16:32
 Operator : CG/JU
 Sample : M5067-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BASEMS

Quant Time: Dec 17 03:22:16 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

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/17/2021
 Supervised By : Jagrut Upadhyay 12/20/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.216	154	399878	46.018	ng	98
47) 2-Chloronaphthalene	13.257	162	311748	44.980	ng	99
48) 2-Nitroaniline	13.487	65	102469	43.957	ng	99
49) Acenaphthylene	14.110	152	458639	45.015	ng	99
50) Dimethylphthalate	13.857	163	387096	45.458	ng	99
51) 2,6-Dinitrotoluene	13.981	165	82715	46.530	ng	99
52) Acenaphthene	14.451	154	272671	44.994	ng	100
53) 3-Nitroaniline	14.328	138	27697	16.538	ng	# 96
54) 2,4-Dinitrophenol	14.569	184	41186	44.383	ng	90
55) Dibenzofuran	14.792	168	452715	43.910	ng	98
56) 4-Nitrophenol	14.687	139	80610	82.917	ng	# 68
57) 2,4-Dinitrotoluene	14.787	165	113261	47.689	ng	# 82
58) Fluorene	15.445	166	357315	44.706	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.039	232	106148m	44.137	ng	
60) Diethylphthalate	15.222	149	364743	45.133	ng	100
61) 4-Chlorophenyl-phenyle...	15.439	204	196902	43.116	ng	97
62) 4-Nitroaniline	15.492	138	59536	39.480	ng	89
63) Azobenzene	15.734	77	364871	44.535	ng	97
65) 4,6-Dinitro-2-methylph...	15.569	198	41454	27.995	ng	91
66) n-Nitrosodiphenylamine	15.657	169	303246	42.498	ng	100
67) 4-Bromophenyl-phenylether	16.339	248	124400	42.143	ng	98
68) Hexachlorobenzene	16.457	284	141684	43.584	ng	97
69) Atrazine	16.628	200	119596	76.081	ng	99
70) Pentachlorophenol	16.828	266	142593	98.148	ng	96
71) Phenanthrene	17.198	178	546386	44.506	ng	100
72) Anthracene	17.286	178	559474	46.191	ng	99
73) Carbazole	17.569	167	479840	43.292	ng	99
74) Di-n-butylphthalate	18.122	149	587413	46.193	ng	100
75) Fluoranthene	19.180	202	651392	46.997	ng	97
77) Benzidine	19.375	184	133428	56.612	ng	97
78) Pyrene	19.533	202	664262	39.958	ng	99
80) Butylbenzylphthalate	20.410	149	259314	42.844	ng	96
81) Benzo(a)anthracene	21.251	228	658157	42.266	ng	99
82) 3,3'-Dichlorobenzidine	21.186	252	163454	22.814	ng	98
83) Chrysene	21.304	228	645210	43.378	ng	99
84) Bis(2-ethylhexyl)phtha...	21.174	149	385816	45.273	ng	# 98
85) Di-n-octyl phthalate	22.080	149	662077	45.046	ng	99
87) Indeno(1,2,3-cd)pyrene	26.104	276	968177	47.353	ng	96
88) Benzo(b)fluoranthene	22.910	252	705550	45.156	ng	99
89) Benzo(k)fluoranthene	22.957	252	709775	45.046	ng	99
90) Benzo(a)pyrene	23.527	252	700664	51.666	ng	# 98
91) Dibenzo(a,h)anthracene	26.115	278	836485	48.873	ng	# 96
92) Benzo(g,h,i)perylene	26.862	276	835489	49.295	ng	95

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

