

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041324\
 Data File : BG060892.D
 Acq On : 13 Apr 2024 13:46
 Operator : MA/JU
 Sample : PB160208BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160208BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/16/2024
 Supervised By :mohammad ahmed 04/17/2024

Quant Time: Apr 15 01:16:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	53040	20.000	ng	-0.01
21) Naphthalene-d8	10.749	136	214443	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	169699	20.000	ng	0.00
64) Phenanthrene-d10	17.330	188	414050	20.000	ng	0.00
76) Chrysene-d12	21.596	240	370862	20.000	ng	# 0.00
86) Perylene-d12	24.733	264	407835	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.538	112	363197	114.073	ng	0.00
7) Phenol-d6	7.118	99	530638	112.278	ng	0.00
23) Nitrobenzene-d5	9.104	82	335087	89.164	ng	0.00
42) 2,4,6-Tribromophenol	16.073	330	313194	162.583	ng	0.00
45) 2-Fluorobiphenyl	13.205	172	881646	76.249	ng	-0.01
79) Terphenyl-d14	19.950	244	1686039	80.052	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.458	88	37178	28.481	ng	99
3) Pyridine	3.840	79	99854	25.360	ng	91
4) n-Nitrosodimethylamine	3.758	42	88257	37.498	ng	95
6) Aniline	7.271	93	123892	20.759	ng	98
8) 2-Chlorophenol	7.518	128	149067	41.298	ng	96
9) Benzaldehyde	7.083	77	22882m	8.780	ng	
10) Phenol	7.148	94	194401	40.305	ng	97
11) bis(2-Chloroethyl)ether	7.371	93	132264	33.965	ng	99
12) 1,3-Dichlorobenzene	7.841	146	147251	39.229	ng	97
13) 1,4-Dichlorobenzene	7.988	146	154237	40.275	ng	98
14) 1,2-Dichlorobenzene	8.305	146	147338	39.259	ng	100
15) Benzyl Alcohol	8.188	79	145301	37.955	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.470	45	330887	37.651	ng	99
17) 2-Methylphenol	8.393	107	134428	36.919	ng	98
18) Hexachloroethane	9.034	117	53315	39.199	ng	# 85
19) n-Nitroso-di-n-propyla...	8.758	70	122829	34.080	ng	# 98
20) 3+4-Methylphenols	8.717	107	182308	36.563	ng	94
22) Acetophenone	8.769	105	231798	39.202	ng	# 96
24) Nitrobenzene	9.145	77	168539	40.735	ng	95
25) Isophorone	9.674	82	320970	37.081	ng	99
26) 2-Nitrophenol	9.856	139	79629	53.170	ng	90
27) 2,4-Dimethylphenol	9.921	122	112685	32.408	ng	99
28) bis(2-Chloroethoxy)met...	10.156	93	187344	36.660	ng	98
29) 2,4-Dichlorophenol	10.397	162	147669	46.248	ng	97
30) 1,2,4-Trichlorobenzene	10.608	180	156359	43.246	ng	98
31) Naphthalene	10.797	128	439050	37.849	ng	99
32) Benzoic acid	10.062	122	113433	48.886	ng	93
33) 4-Chloroaniline	10.902	127	83256	15.452	ng	97
34) Hexachlorobutadiene	11.090	225	114384	47.470	ng	98
35) Caprolactam	11.666	113	52326m	41.377	ng	
36) 4-Chloro-3-methylphenol	12.030	107	177554	43.530	ng	99
37) 2-Methylnaphthalene	12.406	142	320245	37.551	ng	96
38) 1-Methylnaphthalene	12.624	142	300016	37.238	ng	95
40) 1,2,4,5-Tetrachloroben...	12.771	216	213404	43.742	ng	98
41) Hexachlorocyclopentadiene	12.759	237	232326	93.654	ng	97
43) 2,4,6-Trichlorophenol	13.012	196	150118	47.787	ng	94

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041324\
 Data File : BG060892.D
 Acq On : 13 Apr 2024 13:46
 Operator : MA/JU
 Sample : PB160208BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160208BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/16/2024
 Supervised By :mohammad ahmed 04/17/2024

Quant Time: Apr 15 01:16:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.088	196	164861	43.975	ng	96
46) 1,1'-Biphenyl	13.417	154	466674	38.933	ng	98
47) 2-Chloronaphthalene	13.458	162	364398	40.013	ng	98
48) 2-Nitroaniline	13.652	65	141838	48.033	ng	94
49) Acenaphthylene	14.304	152	617908	40.381	ng	99
50) Dimethylphthalate	14.040	163	517239	38.562	ng	100
51) 2,6-Dinitrotoluene	14.151	165	107901	45.153	ng	95
52) Acenaphthene	14.645	154	432494m	45.016	ng	
53) 3-Nitroaniline	14.480	138	74210	29.346	ng	96
54) 2,4-Dinitrophenol	14.692	184	141205	151.242	ng	90
55) Dibenzofuran	14.980	168	582198	38.418	ng	99
56) 4-Nitrophenol	14.798	139	194757	99.322	ng	96
57) 2,4-Dinitrotoluene	14.945	165	157806	50.252	ng	90
58) Fluorene	15.632	166	479709	39.441	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.203	232	158375	48.475	ng	# 96
60) Diethylphthalate	15.409	149	513870	38.080	ng	97
61) 4-Chlorophenyl-phenyle...	15.626	204	261409	40.626	ng	96
62) 4-Nitroaniline	15.644	138	114298	46.608	ng	97
63) Azobenzene	15.920	77	476324	36.223	ng	95
65) 4,6-Dinitro-2-methylph...	15.708	198	100912	57.436	ng	98
66) n-Nitrosodiphenylamine	15.844	169	452756	38.265	ng	96
67) 4-Bromophenyl-phenylether	16.519	248	182234	43.368	ng	95
68) Hexachlorobenzene	16.637	284	210978	44.476	ng	98
69) Atrazine	16.795	200	179522	43.388	ng	99
70) Pentachlorophenol	16.983	266	283060	91.451	ng	94
71) Phenanthrene	17.371	178	828184	38.460	ng	99
72) Anthracene	17.465	178	840233	38.421	ng	99
73) Carbazole	17.730	167	753728	39.090	ng	99
74) Di-n-butylphthalate	18.305	149	884363	36.789	ng	100
75) Fluoranthene	19.386	202	1014026	38.807	ng	97
77) Benzidine	19.563	184	215768	22.095	ng	97
78) Pyrene	19.745	202	1059500	40.849	ng	100
80) Butylbenzylphthalate	20.650	149	386081	40.805	ng	94
81) Benzo(a)anthracene	21.578	228	1047842	40.083	ng	100
82) 3,3'-Dichlorobenzidine	21.490	252	260033	29.459	ng	97
83) Chrysene	21.643	228	990178	39.298	ng	99
84) Bis(2-ethylhexyl)phtha...	21.507	149	559868	37.125	ng	98
85) Di-n-octyl phthalate	22.700	149	971658	39.550	ng	100
87) Indeno(1,2,3-cd)pyrene	28.300	276	1243916	43.312	ng	# 96
88) Benzo(b)fluoranthene	23.746	252	1028388	43.892	ng	98
89) Benzo(k)fluoranthene	23.811	252	1006852	41.984	ng	# 97
90) Benzo(a)pyrene	24.586	252	956311	42.000	ng	97
91) Dibenzo(a,h)anthracene	28.370	278	1028817	42.495	ng	# 95
92) Benzo(g,h,i)perylene	29.404	276	954822	40.543	ng	96

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

