

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111423\
 Data File : BG059692.D
 Acq On : 14 Nov 2023 22:05
 Operator : MA/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG111423

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/16/2023
 Supervised By :mohammad ahmed 11/17/2023

Quant Time: Nov 15 08:16:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 15 08:14:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.350	152	34049	20.000	ng	0.00
21) Naphthalene-d8	11.194	136	149984	20.000	ng	# 0.00
39) Acenaphthene-d10	14.977	164	107955	20.000	ng	0.00
64) Phenanthrene-d10	17.727	188	240502	20.000	ng	# 0.00
76) Chrysene-d12	22.063	240	205114	20.000	ng	# 0.00
86) Perylene-d12	25.653	264	358352	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.835	112	153914	78.040	ng	0.00
7) Phenol-d6	7.463	99	223424	74.962	ng	0.00
23) Nitrobenzene-d5	9.549	82	299938	85.970	ng	0.00
42) 2,4,6-Tribromophenol	16.464	330	107613	88.328	ng	0.00
45) 2-Fluorobiphenyl	13.603	172	648588	81.000	ng	0.00
79) Terphenyl-d14	20.301	244	1151912	115.869	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.685	88	25252	33.790	ng	98
3) Pyridine	4.102	79	85116	34.865	ng	# 88
4) n-Nitrosodimethylamine	4.026	42	41936	39.748	ng	# 87
6) Aniline	7.668	93	142950	36.094	ng	96
8) 2-Chlorophenol	7.898	128	89394	40.080	ng	95
9) Benzaldehyde	7.492	77	76144	39.476	ng	# 71
10) Phenol	7.492	94	118473	38.698	ng	90
11) bis(2-Chloroethyl)ether	7.762	93	74535	37.891	ng	100
12) 1,3-Dichlorobenzene	8.232	146	89929	36.676	ng	94
13) 1,4-Dichlorobenzene	8.385	146	91916	35.717	ng	96
14) 1,2-Dichlorobenzene	8.702	146	87593	36.900	ng	88
15) Benzyl Alcohol	8.585	79	124316	39.176	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.855	45	26556	35.891	ng	97
17) 2-Methylphenol	8.767	107	87374	38.958	ng	95
18) Hexachloroethane	9.431	117	36702	37.432	ng	92
19) n-Nitroso-di-n-propyla...	9.149	70	89110	38.811	ng	# 90
20) 3+4-Methylphenols	9.102	107	116165	37.062	ng	92
22) Acetophenone	9.190	105	168216	41.286	ng	# 91
24) Nitrobenzene	9.590	77	135903	42.011	ng	97
25) Isophorone	10.095	82	245140	40.846	ng	98
26) 2-Nitrophenol	10.301	139	51540	41.149	ng	# 73
27) 2,4-Dimethylphenol	10.318	122	101300	40.563	ng	90
28) bis(2-Chloroethoxy)met...	10.577	93	101760	40.878	ng	# 96
29) 2,4-Dichlorophenol	10.818	162	89454	40.089	ng	99
30) 1,2,4-Trichlorobenzene	11.041	180	91629	40.210	ng	90
31) Naphthalene	11.247	128	311418	41.126	ng	98
32) Benzoic acid	10.430	122	71657	42.765	ng	89
33) 4-Chloroaniline	11.364	127	137427	41.021	ng	98
34) Hexachlorobutadiene	11.476	225	62718	42.753	ng	98
35) Caprolactam	12.157	113	32112	40.234	ng	# 77
36) 4-Chloro-3-methylphenol	12.433	107	121847	40.513	ng	95
37) 2-Methylnaphthalene	12.821	142	256742	40.596	ng	97
38) 1-Methylnaphthalene	13.044	142	239500m	41.226	ng	
40) 1,2,4,5-Tetrachloroben...	13.168	216	114355	38.887	ng	97
41) Hexachlorocyclopentadiene	13.121	237	74479	39.597	ng	99
43) 2,4,6-Trichlorophenol	13.409	196	84841	41.354	ng	# 89

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111423\
 Data File : BG059692.D
 Acq On : 14 Nov 2023 22:05
 Operator : MA/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG111423

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/16/2023
 Supervised By :mohammad ahmed 11/17/2023

Quant Time: Nov 15 08:16:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 15 08:14:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.479	196	97400	41.460	ng	# 96
46) 1,1'-Biphenyl	13.814	154	347759	41.378	ng	96
47) 2-Chloronaphthalene	13.867	162	232102	39.313	ng	# 88
48) 2-Nitroaniline	14.084	65	84835	42.286	ng	95
49) Acenaphthylene	14.707	152	403026	40.417	ng	98
50) Dimethylphthalate	14.419	163	331383	40.253	ng	99
51) 2,6-Dinitrotoluene	14.560	165	65055	40.992	ng	94
52) Acenaphthene	15.042	154	240206	40.166	ng	97
53) 3-Nitroaniline	14.901	138	75570	40.770	ng	91
54) 2,4-Dinitrophenol	15.095	184	44804	41.998	ng	88
55) Dibenzofuran	15.371	168	391722	40.325	ng	97
56) 4-Nitrophenol	15.171	139	57698	41.050	ng	92
57) 2,4-Dinitrotoluene	15.336	165	102597	43.973	ng	# 96
58) Fluorene	16.023	166	334596	40.158	ng	92
59) 2,3,4,6-Tetrachlorophenol	15.577	232	85030	42.088	ng	98
60) Diethylphthalate	15.759	149	360806	40.671	ng	94
61) 4-Chlorophenyl-phenyle...	16.000	204	171940	40.296	ng	96
62) 4-Nitroaniline	16.064	138	75412	39.867	ng	93
63) Azobenzene	16.294	77	383050	39.694	ng	97
65) 4,6-Dinitro-2-methylph...	16.088	198	60962	44.491	ng	98
66) n-Nitrosodiphenylamine	16.223	169	303851	43.209	ng	97
67) 4-Bromophenyl-phenylether	16.899	248	108242	42.781	ng	95
68) Hexachlorobenzene	16.993	284	103270	43.499	ng	96
69) Atrazine	17.151	200	85861	38.897	ng	92
70) Pentachlorophenol	17.345	266	76233	43.347	ng	# 90
71) Phenanthrene	17.774	178	530126	42.504	ng	95
72) Anthracene	17.862	178	533534	41.566	ng	98
73) Carbazole	18.138	167	469737	41.799	ng	98
74) Di-n-butylphthalate	18.644	149	568785	43.600	ng	98
75) Fluoranthene	19.760	202	598996	41.230	ng	96
77) Benzidine	19.948	184	196354	56.654	ng	97
78) Pyrene	20.124	202	595229	49.354	ng	98
80) Butylbenzylphthalate	20.988	149	246550	45.386	ng	100
81) Benzo(a)anthracene	22.040	228	570415	40.783	ng	97
82) 3,3'-Dichlorobenzidine	21.946	252	218291	42.625	ng	95
83) Chrysene	22.110	228	527702m	39.717	ng	
84) Bis(2-ethylhexyl)phtha...	21.869	149	336310	41.242	ng	99
85) Di-n-octyl phthalate	23.209	149	827314	62.045	ng	98
87) Indeno(1,2,3-cd)pyrene	29.837	276	1082574	42.195	ng	# 74
88) Benzo(b)fluoranthene	24.496	252	865897	39.816	ng	# 97
89) Benzo(k)fluoranthene	24.572	252	884307	40.595	ng	99
90) Benzo(a)pyrene	25.483	252	830998	39.527	ng	100
91) Dibenzo(a,h)anthracene	29.919	278	901104	41.710	ng	100
92) Benzo(g,h,i)perylene	31.164	276	829630	39.999	ng	# 91

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

