

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041124\
 Data File : BG060862.D
 Acq On : 11 Apr 2024 16:53
 Operator : MA/JU
 Sample : P2070-09MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5MSD

Manual Integrations
 APPROVED

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

Quant Time: Apr 12 04:40:34 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	7.951	152	59477	20.000	ng	0.00
21) Naphthalene-d8	10.742	136	243630	20.000	ng	-0.02
39) Acenaphthene-d10	14.579	164	189411	20.000	ng	-0.01
64) Phenanthrene-d10	17.329	188	460485	20.000	ng	0.00
76) Chrysene-d12	21.588	240	400295	20.000	ng	-0.02
86) Perylene-d12	24.720	264	474919	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.537	112	381813	106.942	ng	0.00
7) Phenol-d6	7.117	99	552236	104.202	ng	0.00
23) Nitrobenzene-d5	9.103	82	359416	84.180	ng	0.00
42) 2,4,6-Tribromophenol	16.071	330	312031	145.122	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	840079	65.093	ng	-0.02
79) Terphenyl-d14	19.949	244	1534082	67.482	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.451	88	51704	35.322	ng	94
3) Pyridine	3.839	79	139753	31.652	ng	90
4) n-Nitrosodimethylamine	3.756	42	114437	43.359	ng	93
6) Aniline	7.270	93	151285	22.605	ng	98
8) 2-Chlorophenol	7.517	128	179520	44.352	ng	95
9) Benzaldehyde	7.082	77	16761m	5.735	ng	
10) Phenol	7.141	94	236034	43.640	ng	95
11) bis(2-Chloroethyl)ether	7.370	93	157699	36.113	ng	96
12) 1,3-Dichlorobenzene	7.840	146	179193	42.572	ng	97
13) 1,4-Dichlorobenzene	7.987	146	187043	43.556	ng	100
14) 1,2-Dichlorobenzene	8.298	146	181365	43.096	ng	99
15) Benzyl Alcohol	8.181	79	175207	40.813	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.469	45	406522	41.251	ng	98
17) 2-Methylphenol	8.392	107	156800	38.403	ng	97
18) Hexachloroethane	9.033	117	67875	44.503	ng	93
19) n-Nitroso-di-n-propyla...	8.751	70	147871	36.588	ng	98
20) 3+4-Methylphenols	8.715	107	220823	39.495	ng	96
22) Acetophenone	8.768	105	279672	41.632	ng	# 97
24) Nitrobenzene	9.144	77	213761	45.153	ng	94
25) Isophorone	9.667	82	400472	40.723	ng	98
26) 2-Nitrophenol	9.855	139	94803	55.240	ng	# 90
27) 2,4-Dimethylphenol	9.920	122	135112	34.203	ng	96
28) bis(2-Chloroethoxy)met...	10.155	93	230895	39.769	ng	100
29) 2,4-Dichlorophenol	10.390	162	183181	50.497	ng	98
30) 1,2,4-Trichlorobenzene	10.607	180	195365	47.561	ng	98
31) Naphthalene	10.795	128	544227	41.295	ng	98
32) Benzoic acid	10.067	122	139089	52.219	ng	96
33) 4-Chloroaniline	10.895	127	83899	13.706	ng	# 96
34) Hexachlorobutadiene	11.083	225	134534	49.144	ng	97
35) Caprolactam	11.665	113	63371m	44.108	ng	
36) 4-Chloro-3-methylphenol	12.029	107	213069	45.979	ng	96
37) 2-Methylnaphthalene	12.405	142	395803	40.850	ng	100
38) 1-Methylnaphthalene	12.622	142	366900	40.084	ng	100
40) 1,2,4,5-Tetrachloroben...	12.769	216	262227	48.156	ng	99
41) Hexachlorocyclopentadiene	12.758	237	275377	99.456	ng	97
43) 2,4,6-Trichlorophenol	13.010	196	179222	51.114	ng	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041124\
 Data File : BG060862.D
 Acq On : 11 Apr 2024 16:53
 Operator : MA/JU
 Sample : P2070-09MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5MSD

Quant Time: Apr 12 04:40:34 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

Manual Integrations
 APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.081	196	201022	48.041	ng	98
46) 1,1'-Biphenyl	13.416	154	554314	41.432	ng	99
47) 2-Chloronaphthalene	13.451	162	433394	42.637	ng	98
48) 2-Nitroaniline	13.651	65	168794	50.717	ng	97
49) Acenaphthylene	14.303	152	757016	44.323	ng	99
50) Dimethylphthalate	14.038	163	607383	40.570	ng	100
51) 2,6-Dinitrotoluene	14.150	165	128011	47.774	ng	94
52) Acenaphthene	14.644	154	526594m	49.106	ng	
53) 3-Nitroaniline	14.479	138	84847	29.991	ng	# 95
54) 2,4-Dinitrophenol	14.685	184	167803	161.026	ng	91
55) Dibenzofuran	14.979	168	704331	41.640	ng	97
56) 4-Nitrophenol	14.791	139	229040	104.650	ng	97
57) 2,4-Dinitrotoluene	14.937	165	185045	52.511	ng	# 94
58) Fluorene	15.631	166	585490	43.129	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.202	232	194809	53.422	ng	96
60) Diethylphthalate	15.407	149	613156	40.708	ng	100
61) 4-Chlorophenyl-phenyle...	15.625	204	315249	43.895	ng	95
62) 4-Nitroaniline	15.642	138	139505	50.966	ng	92
63) Azobenzene	15.919	77	593491	40.436	ng	97
65) 4,6-Dinitro-2-methylph...	15.701	198	119336	60.628	ng	97
66) n-Nitrosodiphenylamine	15.836	169	548371	41.673	ng	98
67) 4-Bromophenyl-phenylether	16.518	248	215741	46.164	ng	99
68) Hexachlorobenzene	16.635	284	252796	47.918	ng	95
69) Atrazine	16.794	200	211681	46.001	ng	98
70) Pentachlorophenol	16.976	266	339978	98.764	ng	99
71) Phenanthrene	17.370	178	988838	41.290	ng	100
72) Anthracene	17.458	178	1013570	41.674	ng	100
73) Carbazole	17.728	167	889542	41.482	ng	99
74) Di-n-butylphthalate	18.304	149	1082493	40.490	ng	100
75) Fluoranthene	19.379	202	1181114	40.643	ng	98
77) Benzidine	19.561	184	437304	41.487	ng	97
78) Pyrene	19.744	202	1229137	43.904	ng	98
80) Butylbenzylphthalate	20.642	149	460368	45.079	ng	97
81) Benzo(a)anthracene	21.571	228	1215789	43.088	ng	99
82) 3,3'-Dichlorobenzidine	21.489	252	314096	32.968	ng	98
83) Chrysene	21.635	228	1152130	42.363	ng	100
84) Bis(2-ethylhexyl)phtha...	21.506	149	667188	40.989	ng	99
85) Di-n-octyl phthalate	22.699	149	1134208	42.772	ng	98
87) Indeno(1,2,3-cd)pyrene	28.275	276	1482872	44.339	ng	# 96
88) Benzo(b)fluoranthene	23.733	252	1166374	42.749	ng	98
89) Benzo(k)fluoranthene	23.798	252	1204201m	43.121	ng	
90) Benzo(a)pyrene	24.579	252	1114312	42.026	ng	97
91) Dibenzo(a,h)anthracene	28.345	278	1208354	42.861	ng	# 97
92) Benzo(g,h,i)perylene	29.391	276	1139847	41.563	ng	98

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

