

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082422\
 Data File : BG054723.D
 Acq On : 24 Aug 2022 16:59
 Operator : CG/JU
 Sample : N4261-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C5MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/25/2022
 Supervised By : Jagrut Upadhyay 08/25/2022

Quant Time: Aug 25 03:08:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 03:09:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.159	152	42020	20.000	ng	0.00
21) Naphthalene-d8	10.985	136	180269	20.000	ng	0.00
39) Acenaphthene-d10	14.792	164	130086	20.000	ng	0.00
64) Phenanthrene-d10	17.536	188	310879	20.000	ng	0.00
76) Chrysene-d12	21.831	240	273271	20.000	ng	0.00
86) Perylene-d12	25.203	264	290103	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.697	112	326321	146.341	ng	0.00
7) Phenol-d6	7.307	99	418677	133.998	ng	0.00
23) Nitrobenzene-d5	9.334	82	292335	92.417	ng	0.00
42) 2,4,6-Tribromophenol	16.279	330	235097	225.668	ng	0.00
45) 2-Fluorobiphenyl	13.417	172	683734	77.511	ng	0.00
79) Terphenyl-d14	20.139	244	1238157	90.005	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.552	88	44275	38.618	ng	# 26
3) Pyridine	3.964	79	111043	34.594	ng	97
4) n-Nitrosodimethylamine	3.870	42	64848	46.119	ng	# 95
6) Aniline	7.477	93	119066	30.544	ng	98
8) 2-Chlorophenol	7.718	128	135578	57.086	ng	97
9) Benzaldehyde	7.289	77	74365	34.425	ng	99
10) Phenol	7.330	94	154845	47.845	ng	100
11) bis(2-Chloroethyl)ether	7.571	93	130338	47.116	ng	98
12) 1,3-Dichlorobenzene	8.047	146	135229	44.357	ng	99
13) 1,4-Dichlorobenzene	8.194	146	136830	44.537	ng	98
14) 1,2-Dichlorobenzene	8.517	146	134358	46.372	ng	99
15) Benzyl Alcohol	8.394	79	128565	59.045	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.687	45	214791	50.044	ng	99
17) 2-Methylphenol	8.593	107	119449	54.742	ng	98
18) Hexachloroethane	9.252	117	49537	48.823	ng	99
19) n-Nitroso-di-n-propyla...	8.964	70	111606	50.769	ng	96
20) 3+4-Methylphenols	8.923	107	161461	55.430	ng	96
22) Acetophenone	8.987	105	206795	45.549	ng	# 98
24) Nitrobenzene	9.375	77	154537	47.519	ng	98
25) Isophorone	9.898	82	311417	51.654	ng	100
26) 2-Nitrophenol	10.086	139	72930	64.237	ng	92
27) 2,4-Dimethylphenol	10.139	122	137934m	62.721	ng	
28) bis(2-Chloroethoxy)met...	10.374	93	182901	51.356	ng	99
29) 2,4-Dichlorophenol	10.621	162	136539	57.865	ng	100
30) 1,2,4-Trichlorobenzene	10.844	180	135197	42.996	ng	98
31) Naphthalene	11.038	128	422292	43.527	ng	99
32) Benzoic acid	10.215	122	21769m	24.131	ng	
33) 4-Chloroaniline	11.138	127	29711	7.759	ng	97
34) Hexachlorobutadiene	11.308	225	83225	41.925	ng	100
35) Caprolactam	11.913	113	46106m	62.581	ng	
36) 4-Chloro-3-methylphenol	12.248	107	162835	64.941	ng	99
37) 2-Methylnaphthalene	12.630	142	307539	46.142	ng	99
38) 1-Methylnaphthalene	12.847	142	297474	46.151	ng	98
40) 1,2,4,5-Tetrachloroben...	12.988	216	166606	41.483	ng	99
41) Hexachlorocyclopentadiene	12.965	237	174013	104.238	ng	98
43) 2,4,6-Trichlorophenol	13.229	196	123596	58.577	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082422\
 Data File : BG054723.D
 Acq On : 24 Aug 2022 16:59
 Operator : CG/JU
 Sample : N4261-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C5MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/25/2022
 Supervised By : Jagrut Upadhyay 08/25/2022

Quant Time: Aug 25 03:08:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 03:09:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.300	196	136394	57.116	ng	98
46) 1,1'-Biphenyl	13.629	154	429283	43.612	ng	99
47) 2-Chloronaphthalene	13.676	162	321043	42.756	ng	100
48) 2-Nitroaniline	13.870	65	114267	60.583	ng	98
49) Acenaphthylene	14.516	152	550951	45.142	ng	99
50) Dimethylphthalate	14.240	163	454302	51.863	ng	99
51) 2,6-Dinitrotoluene	14.363	165	97762	61.364	ng	91
52) Acenaphthene	14.857	154	350094	46.786	ng	99
53) 3-Nitroaniline	14.692	138	64384	35.045	ng	98
54) 2,4-Dinitrophenol	14.892	184	35708	62.842	ng	96
55) Dibenzofuran	15.186	168	524675	46.268	ng	98
56) 4-Nitrophenol	14.992	139	160210	117.323	ng	97
57) 2,4-Dinitrotoluene	15.145	165	140675	58.086	ng	91
58) Fluorene	15.838	166	448957	47.891	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.409	232	128357	64.561	ng	96
60) Diethylphthalate	15.597	149	467962	54.767	ng	98
61) 4-Chlorophenyl-phenyle...	15.820	204	226643	48.822	ng	98
62) 4-Nitroaniline	15.856	138	110547	55.216	ng	98
63) Azobenzene	16.114	77	445418	46.937	ng	99
65) 4,6-Dinitro-2-methylph...	15.903	198	41682	43.893	ng	96
66) n-Nitrosodiphenylamine	16.038	169	407541	46.132	ng	100
67) 4-Bromophenyl-phenylether	16.719	248	157476	52.622	ng	98
68) Hexachlorobenzene	16.837	284	177939	47.125	ng	98
69) Atrazine	16.984	200	157806	60.279	ng	99
70) Pentachlorophenol	17.178	266	150625	72.508	ng	98
71) Phenanthrene	17.583	178	737348	44.497	ng	99
72) Anthracene	17.671	178	744420	46.360	ng	99
73) Carbazole	17.935	167	681160	47.681	ng	99
74) Di-n-butylphthalate	18.482	149	837457	54.949	ng	99
75) Fluoranthene	19.581	202	867237	44.391	ng	100
77) Benzidine	19.757	184	109573	18.467	ng	100
78) Pyrene	19.945	202	876316	45.462	ng	99
80) Butylbenzylphthalate	20.820	149	363620	56.373	ng	100
81) Benzo(a)anthracene	21.813	228	837115	45.104	ng	99
82) 3,3'-Dichlorobenzidine	21.719	252	180175	32.127	ng	100
83) Chrysene	21.884	228	784010	44.389	ng	99
84) Bis(2-ethylhexyl)phtha...	21.702	149	536426	55.031	ng	99
85) Di-n-octyl phthalate	22.965	149	891372	62.283	ng	98
87) Indeno(1,2,3-cd)pyrene	29.093	276	982645	45.392	ng	100
88) Benzo(b)fluoranthene	24.128	252	866427	48.099	ng	99
89) Benzo(k)fluoranthene	24.205	252	859416	46.233	ng	99
90) Benzo(a)pyrene	25.051	252	769267	49.755	ng	99
91) Dibenzo(a,h)anthracene	29.169	278	844923	47.510	ng	100
92) Benzo(g,h,i)perylene	30.315	276	846320	48.679	ng	98

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

