

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042524\
 Data File : BG061032.D
 Acq On : 25 Apr 2024 10:27
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 25 12:41:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 22 04:22:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.944	152	22232	20.000	ng	0.00
21) Naphthalene-d8	10.741	136	95492	20.000	ng	# 0.00
39) Acenaphthene-d10	14.571	164	83833	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	202096	20.000	ng	0.00
76) Chrysene-d12	21.581	240	186215	20.000	ng	0.00
86) Perylene-d12	24.713	264	228543	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.529	112	89353	81.297	ng	0.00
7) Phenol-d6	7.116	99	136157	83.493	ng	0.00
23) Nitrobenzene-d5	9.096	82	152441	71.724	ng	0.00
42) 2,4,6-Tribromophenol	16.064	330	141989	77.130	ng	0.00
45) 2-Fluorobiphenyl	13.197	172	477883	78.894	ng	0.00
79) Terphenyl-d14	19.942	244	936962	78.102	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.449	88	15441	40.593	ng	92
3) Pyridine	3.837	79	48825	41.525	ng	97
4) n-Nitrosodimethylamine	3.749	42	44889	42.448	ng	92
6) Aniline	7.268	93	77108	39.342	ng	97
8) 2-Chlorophenol	7.509	128	52325	38.208	ng	98
9) Benzaldehyde	7.080	77	34469	41.092	ng	96
10) Phenol	7.139	94	63282	39.058	ng	97
11) bis(2-Chloroethyl)ether	7.368	93	45844	39.549	ng	90
12) 1,3-Dichlorobenzene	7.832	146	60507	39.842	ng	97
13) 1,4-Dichlorobenzene	7.979	146	60762	38.843	ng	96
14) 1,2-Dichlorobenzene	8.296	146	58087	37.995	ng	97
15) Benzyl Alcohol	8.173	79	61135	39.705	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.473	45	94118	37.298	ng	97
17) 2-Methylphenol	8.385	107	51527	39.387	ng	95
18) Hexachloroethane	9.025	117	21892	38.839	ng	89
19) n-Nitroso-di-n-propyla...	8.749	70	46927	38.613	ng	98
20) 3+4-Methylphenols	8.714	107	72673	39.721	ng	96
22) Acetophenone	8.761	105	94898	35.589	ng	98
24) Nitrobenzene	9.137	77	73098	35.792	ng	95
25) Isophorone	9.660	82	135270	38.030	ng	98
26) 2-Nitrophenol	9.848	139	36017	37.523	ng	97
27) 2,4-Dimethylphenol	9.912	122	57429	37.328	ng	97
28) bis(2-Chloroethoxy)met...	10.147	93	70658	37.762	ng	96
29) 2,4-Dichlorophenol	10.388	162	68096	38.350	ng	97
30) 1,2,4-Trichlorobenzene	10.600	180	76959	39.281	ng	93
31) Naphthalene	10.788	128	194663	37.235	ng	99
32) Benzoic acid	10.059	122	45806m	39.075	ng	
33) 4-Chloroaniline	10.893	127	89252	37.582	ng	97
34) Hexachlorobutadiene	11.076	225	66463	38.574	ng	96
35) Caprolactam	11.669	113	21585	38.164	ng	# 72
36) 4-Chloro-3-methylphenol	12.022	107	78395	37.854	ng	92
37) 2-Methylnaphthalene	12.398	142	151686	36.902	ng	96
38) 1-Methylnaphthalene	12.615	142	145420	37.911	ng	99
40) 1,2,4,5-Tetrachloroben...	12.768	216	122442	41.099	ng	99
41) Hexachlorocyclopentadiene	12.744	237	66796	38.104	ng	97
43) 2,4,6-Trichlorophenol	13.003	196	76286	38.954	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042524\
 Data File : BG061032.D
 Acq On : 25 Apr 2024 10:27
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 25 12:41:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 22 04:22:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.079	196	92111	39.762	ng	99
46) 1,1'-Biphenyl	13.408	154	219995	38.959	ng	94
47) 2-Chloronaphthalene	13.449	162	167670	38.726	ng	96
48) 2-Nitroaniline	13.649	65	64323	36.811	ng	98
49) Acenaphthylene	14.295	152	280065	38.408	ng	98
50) Dimethylphthalate	14.031	163	263312	38.090	ng	99
51) 2,6-Dinitrotoluene	14.143	165	55127	38.218	ng	96
52) Acenaphthene	14.636	154	168430	38.014	ng	98
53) 3-Nitroaniline	14.472	138	52095	36.627	ng	94
54) 2,4-Dinitrophenol	14.683	184	31559	36.812	ng	99
55) Dibenzofuran	14.971	168	288976	37.770	ng	95
56) 4-Nitrophenol	14.795	139	37913	37.207	ng	87
57) 2,4-Dinitrotoluene	14.936	165	79401	38.221	ng	96
58) Fluorene	15.623	166	243706	37.738	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.200	232	88599m	37.894	ng	
60) Diethylphthalate	15.394	149	253920	37.298	ng	99
61) 4-Chlorophenyl-phenyle...	15.617	204	148463	37.276	ng	99
62) 4-Nitroaniline	15.641	138	56184	36.634	ng	96
63) Azobenzene	15.911	77	200869	36.275	ng	97
65) 4,6-Dinitro-2-methylph...	15.705	198	50820	40.725	ng	91
66) n-Nitrosodiphenylamine	15.829	169	228021	40.953	ng	97
67) 4-Bromophenyl-phenylether	16.510	248	109451	41.036	ng	97
68) Hexachlorobenzene	16.628	284	119944	40.713	ng	97
69) Atrazine	16.781	200	81040	38.889	ng	96
70) Pentachlorophenol	16.975	266	76371	39.533	ng	99
71) Phenanthrene	17.362	178	392326	38.032	ng	97
72) Anthracene	17.456	178	401296	37.772	ng	98
73) Carbazole	17.721	167	332644	37.700	ng	99
74) Di-n-butylphthalate	18.291	149	399514	37.294	ng	99
75) Fluoranthene	19.378	202	489933	35.787	ng	97
77) Benzidine	19.554	184	156705	45.417	ng	99
78) Pyrene	19.736	202	490630	38.695	ng	99
80) Butylbenzylphthalate	20.635	149	157628	37.299	ng	95
81) Benzo(a)anthracene	21.563	228	499042	38.118	ng	98
82) 3,3'-Dichlorobenzidine	21.481	252	176308	37.263	ng	# 98
83) Chrysene	21.628	228	476737	38.247	ng	99
84) Bis(2-ethylhexyl)phtha...	21.487	149	224109	36.475	ng	99
85) Di-n-octyl phthalate	22.674	149	381145	37.364	ng	99
87) Indeno(1,2,3-cd)pyrene	28.273	276	620292	39.125	ng	# 98
88) Benzo(b)fluoranthene	23.725	252	483289	37.316	ng	98
89) Benzo(k)fluoranthene	23.790	252	495517	37.900	ng	99
90) Benzo(a)pyrene	24.572	252	476693	38.026	ng	96
91) Dibenzo(a,h)anthracene	28.338	278	508859	39.285	ng	98
92) Benzo(g,h,i)perylene	29.378	276	497661	38.749	ng	98

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

