

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050224\
 Data File : BG061086.D
 Acq On : 2 May 2024 9:50
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh
Patel

05/03/2024

Supervised By :mohammad
ahmed

05/06/2024

Quant Time: May 02 10:28:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 05:11:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	19079	20.000	ng	0.00
21) Naphthalene-d8	10.749	136	82680	20.000	ng	# 0.00
39) Acenaphthene-d10	14.580	164	68509	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	173515	20.000	ng	0.00
76) Chrysene-d12	21.583	240	174170	20.000	ng	0.00
86) Perylene-d12	24.715	264	208590	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.543	112	73264	78.096	ng	0.00
7) Phenol-d6	7.124	99	107066	77.149	ng	0.00
23) Nitrobenzene-d5	9.110	82	131714	78.971	ng	0.00
42) 2,4,6-Tribromophenol	16.072	330	103640	75.684	ng	0.00
45) 2-Fluorobiphenyl	13.205	172	388870	83.935	ng	0.00
79) Terphenyl-d14	19.944	244	816347	77.953	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.458	88	12480	32.901	ng	99
3) Pyridine	3.845	79	38996	34.937	ng	97
4) n-Nitrosodimethylamine	3.763	42	34645	32.306	ng	# 93
6) Aniline	7.277	93	53008	38.529	ng	98
8) 2-Chlorophenol	7.523	128	43600	37.883	ng	98
9) Benzaldehyde	7.094	77	29593	39.392	ng	94
10) Phenol	7.153	94	53834	38.145	ng	93
11) bis(2-Chloroethyl)ether	7.371	93	38129	39.108	ng	92
12) 1,3-Dichlorobenzene	7.841	146	54020	39.814	ng	98
13) 1,4-Dichlorobenzene	7.988	146	52061	37.125	ng	95
14) 1,2-Dichlorobenzene	8.311	146	53915	39.851	ng	95
15) Benzyl Alcohol	8.187	79	46124	36.843	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.475	45	84153m	39.778	ng	
17) 2-Methylphenol	8.399	107	40354	40.123	ng	94
18) Hexachloroethane	9.033	117	19478	38.927	ng	82
19) n-Nitroso-di-n-propyla...	8.757	70	40579	39.072	ng	93
20) 3+4-Methylphenols	8.722	107	57919	39.916	ng	98
22) Acetophenone	8.769	105	82692	40.160	ng	# 95
24) Nitrobenzene	9.151	77	64728	39.671	ng	97
25) Isophorone	9.674	82	116781	37.878	ng	96
26) 2-Nitrophenol	9.862	139	31039	40.151	ng	94
27) 2,4-Dimethylphenol	9.926	122	34401	38.599	ng	95
28) bis(2-Chloroethoxy)met...	10.156	93	59134	39.081	ng	95
29) 2,4-Dichlorophenol	10.402	162	55384	39.661	ng	97
30) 1,2,4-Trichlorobenzene	10.614	180	64500	38.333	ng	98
31) Naphthalene	10.796	128	166579	38.766	ng	96
32) Benzoic acid	10.067	122	37215	36.121	ng	# 76
33) 4-Chloroaniline	10.902	127	65137	38.009	ng	97
34) Hexachlorobutadiene	11.084	225	56135	38.882	ng	97
35) Caprolactam	11.677	113	18055	35.902	ng	# 84
36) 4-Chloro-3-methylphenol	12.036	107	63443	37.677	ng	94
37) 2-Methylnaphthalene	12.406	142	121825	37.833	ng	98
38) 1-Methylnaphthalene	12.623	142	122001	37.635	ng	98
40) 1,2,4,5-Tetrachloroben...	12.776	216	96459	42.189	ng	99
41) Hexachlorocyclopentadiene	12.753	237	36024	41.159	ng	97
43) 2,4,6-Trichlorophenol	13.011	196	60291	41.074	ng	95

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44) 2,4,5-Trichlorophenol	13.087	196	67710	40.758	ng	96
46) 1,1'-Biphenyl	13.416	154	179952	40.966	ng	96
47) 2-Chloronaphthalene	13.458	162	143483	40.792	ng	97
48) 2-Nitroaniline	13.657	65	52220	40.008	ng	97
49) Acenaphthylene	14.304	152	220342	40.786	ng	99
50) Dimethylphthalate	14.033	163	206390	39.004	ng	100
51) 2,6-Dinitrotoluene	14.151	165	44589	39.395	ng	98
52) Acenaphthene	14.644	154	133593	39.640	ng	95
53) 3-Nitroaniline	14.480	138	39793	38.424	ng	98
54) 2,4-Dinitrophenol	14.691	184	28845	37.167	ng	89
55) Dibenzofuran	14.979	168	221190	38.856	ng	98
56) 4-Nitrophenol	14.803	139	32566	38.910	ng	91
57) 2,4-Dinitrotoluene	14.944	165	65648	39.203	ng	89
58) Fluorene	15.626	166	193992	39.382	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.208	232	66373	38.812	ng	97
60) Diethylphthalate	15.402	149	199088	37.309	ng	96
61) 4-Chlorophenyl-phenyle...	15.620	204	114017	38.549	ng	97
62) 4-Nitroaniline	15.643	138	43414	38.651	ng	95
63) Azobenzene	15.914	77	157920	38.017	ng	97
65) 4,6-Dinitro-2-methylph...	15.714	198	43730	40.619	ng	87
66) n-Nitrosodiphenylamine	15.837	169	173808	40.394	ng	96
67) 4-Bromophenyl-phenylether	16.519	248	81256	39.753	ng	95
68) Hexachlorobenzene	16.636	284	100996	39.698	ng	99
69) Atrazine	16.783	200	61977	34.926	ng	99
70) Pentachlorophenol	16.983	266	56919	36.417	ng	98
71) Phenanthrene	17.371	178	311018	39.201	ng	98
72) Anthracene	17.459	178	311571	39.357	ng	99
73) Carbazole	17.729	167	276665	39.747	ng	99
74) Di-n-butylphthalate	18.293	149	320269	38.695	ng	98
75) Fluoranthene	19.380	202	429748	39.538	ng	99
77) Benzidine	19.562	184	144244	43.782	ng	97
78) Pyrene	19.744	202	433060	39.109	ng	99
80) Butylbenzylphthalate	20.637	149	137752	39.300	ng	96
81) Benzo(a)anthracene	21.566	228	447001	39.220	ng	100
82) 3,3'-Dichlorobenzidine	21.483	252	164175	40.027	ng	99
83) Chrysene	21.630	228	420883	39.416	ng	99
84) Bis(2-ethylhexyl)phtha...	21.483	149	186012	40.640	ng	100
85) Di-n-octyl phthalate	22.670	149	319826	39.606	ng	100
87) Indeno(1,2,3-cd)pyrene	28.276	276	538800	38.977	ng	99
88) Benzo(b)fluoranthene	23.728	252	452823	38.849	ng	98
89) Benzo(k)fluoranthene	23.793	252	439771	39.218	ng	98
90) Benzo(a)pyrene	24.574	252	400540	39.443	ng	99
91) Dibenzo(a,h)anthracene	28.334	278	446461	38.999	ng	# 97
92) Benzo(g,h,i)perylene	29.380	276	447598	39.345	ng	100

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

