

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG12222\
 Data File : BG056059.D
 Acq On : 22 Dec 2022 11:00
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022

Quant Time: Dec 23 05:23:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 05:09:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.353	152	9220	20.000	ng	0.00
21) Naphthalene-d8	11.191	136	37565	20.000	ng	# 0.00
39) Acenaphthene-d10	14.969	164	36330	20.000	ng	0.00
64) Phenanthrene-d10	17.707	188	105351	20.000	ng	0.00
76) Chrysene-d12	22.014	240	103961	20.000	ng	# 0.00
86) Perylene-d12	25.492	264	124252	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.868	112	32874	83.618	ng	0.00
7) Phenol-d6	7.483	99	44140	87.295	ng	0.00
23) Nitrobenzene-d5	9.528	82	50923	94.732	ng	0.00
42) 2,4,6-Tribromophenol	16.444	330	75544	86.235	ng	0.00
45) 2-Fluorobiphenyl	13.594	172	206909	79.875	ng	0.00
79) Terphenyl-d14	20.280	244	507422	86.264	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.694	88	4729	41.333	ng	92
3) Pyridine	4.111	79	16216	43.067	ng	96
4) n-Nitrosodimethylamine	4.023	42	12711	37.554	ng	# 82
6) Aniline	7.671	93	25762	42.554	ng	92
8) 2-Chlorophenol	7.912	128	21661	42.706	ng	94
9) Benzaldehyde	7.478	77	12331	38.831	ng	97
10) Phenol	7.513	94	23809	43.023	ng	97
11) bis(2-Chloroethyl)ether	7.754	93	15622	43.338	ng	95
12) 1,3-Dichlorobenzene	8.247	146	26005	39.634	ng	91
13) 1,4-Dichlorobenzene	8.394	146	27217	40.590	ng	98
14) 1,2-Dichlorobenzene	8.717	146	26055	40.659	ng	99
15) Benzyl Alcohol	8.588	79	21278	40.499	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.876	45	22955	48.929	ng	99
17) 2-Methylphenol	8.782	107	18357	42.160	ng	94
18) Hexachloroethane	9.458	117	8648	42.488	ng	97
19) n-Nitroso-di-n-propyla...	9.158	70	16314	45.012	ng	94
20) 3+4-Methylphenols	9.111	107	26559	42.744	ng	97
22) Acetophenone	9.181	105	36266	38.945	ng	# 94
24) Nitrobenzene	9.575	77	25224	46.619	ng	98
25) Isophorone	10.092	82	46799	41.518	ng	97
26) 2-Nitrophenol	10.292	139	14847	46.353	ng	96
27) 2,4-Dimethylphenol	10.333	122	20351m	37.832	ng	
28) bis(2-Chloroethoxy)met...	10.568	93	21591	43.340	ng	# 94
29) 2,4-Dichlorophenol	10.821	162	31576	41.356	ng	99
30) 1,2,4-Trichlorobenzene	11.050	180	38992	39.286	ng	93
31) Naphthalene	11.244	128	78161	39.433	ng	99
32) Benzoic acid	10.451	122	19532	43.006	ng	92
33) 4-Chloroaniline	11.338	127	34131	40.168	ng	98
34) Hexachlorobutadiene	11.520	225	33544	35.949	ng	95
35) Caprolactam	12.107	113	9007	42.340	ng	# 83
36) 4-Chloro-3-methylphenol	12.431	107	30823	43.052	ng	94
37) 2-Methylnaphthalene	12.818	142	70463	40.238	ng	96
38) 1-Methylnaphthalene	13.036	142	67822	39.756	ng	100
40) 1,2,4,5-Tetrachloroben...	13.177	216	59775	38.997	ng	98
41) Hexachlorocyclopentadiene	13.153	237	34814	40.035	ng	98
43) 2,4,6-Trichlorophenol	13.406	196	40049	44.138	ng	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.482	196	44367	43.377	ng	97
46) 1,1'-Biphenyl	13.805	154	102870	41.774	ng	99
47) 2-Chloronaphthalene	13.852	162	82224	41.093	ng	94
48) 2-Nitroaniline	14.046	65	21825	54.901	ng	89
49) Acenaphthylene	14.693	152	131239	41.091	ng	99
50) Dimethylphthalate	14.405	163	128091	40.781	ng	99
51) 2,6-Dinitrotoluene	14.528	165	26032	53.558	ng	90
52) Acenaphthene	15.033	154	92071	42.941	ng	94
53) 3-Nitroaniline	14.857	138	23681	47.899	ng	# 93
54) 2,4-Dinitrophenol	15.063	184	17726	49.056	ng	# 74
55) Dibenzofuran	15.362	168	148685	41.237	ng	98
56) 4-Nitrophenol	15.151	139	19127	48.278	ng	92
57) 2,4-Dinitrotoluene	15.315	165	38517	52.498	ng	92
58) Fluorene	16.009	166	121243	41.135	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.580	232	50539	43.251	ng	99
60) Diethylphthalate	15.756	149	124018	40.397	ng	99
61) 4-Chlorophenyl-phenyle...	15.991	204	81422	40.551	ng	96
62) 4-Nitroaniline	16.021	138	25687	47.709	ng	97
63) Azobenzene	16.285	77	78302	41.905	ng	98
65) 4,6-Dinitro-2-methylph...	16.073	198	26824	53.300	ng	93
66) n-Nitrosodiphenylamine	16.203	169	111336	40.328	ng	98
67) 4-Bromophenyl-phenylether	16.884	248	62346	40.387	ng	95
68) Hexachlorobenzene	17.008	284	73417	38.611	ng	96
69) Atrazine	17.137	200	48509	38.806	ng	97
70) Pentachlorophenol	17.348	266	45718	42.057	ng	96
71) Phenanthrene	17.748	178	224554	40.673	ng	99
72) Anthracene	17.842	178	217571	39.833	ng	99
73) Carbazole	18.100	167	176870	39.263	ng	99
74) Di-n-butylphthalate	18.635	149	201990	38.556	ng	99
75) Fluoranthene	19.734	202	287115	37.138	ng	99
77) Benzidine	19.898	184	75479	41.342	ng	99
78) Pyrene	20.098	202	287453	45.695	ng	99
80) Butylbenzylphthalate	20.962	149	83269	46.713	ng	98
81) Benzo(a)anthracene	21.990	228	309871	42.358	ng	100
82) 3,3'-Dichlorobenzidine	21.890	252	112370	42.693	ng	96
83) Chrysene	22.061	228	294330	42.929	ng	99
84) Bis(2-ethylhexyl)phtha...	21.861	149	114690	43.306	ng	99
85) Di-n-octyl phthalate	23.159	149	194240	43.238	ng	100
87) Indeno(1,2,3-cd)pyrene	29.511	276	397179	39.751	ng	99
88) Benzo(b)fluoranthene	24.381	252	323173	40.189	ng	99
89) Benzo(k)fluoranthene	24.458	252	323231	40.288	ng	98
90) Benzo(a)pyrene	25.333	252	274349	40.362	ng	100
91) Dibenzo(a,h)anthracene	29.587	278	333273	39.852	ng	# 98
92) Benzo(g,h,i)perylene	30.786	276	324867	40.178	ng	97

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

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