

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121322\
 Data File : BG055954.D
 Acq On : 13 Dec 2022 22:39
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG121322

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/14/2022
 Supervised By :mohammad ahmed 12/16/2022

Quant Time: Dec 14 02:27:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 14 02:24:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.378	152	4676	20.000	ng	0.00
21) Naphthalene-d8	11.205	136	18430	20.000	ng	# 0.00
39) Acenaphthene-d10	14.977	164	17783	20.000	ng	0.00
64) Phenanthrene-d10	17.715	188	53066	20.000	ng	0.00
76) Chrysene-d12	22.027	240	61507	20.000	ng	0.00
86) Perylene-d12	25.523	264	76305	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.881	112	16718	83.847	ng	0.00
7) Phenol-d6	7.491	99	22083	86.114	ng	0.00
23) Nitrobenzene-d5	9.542	82	23417	88.792	ng	0.00
42) 2,4,6-Tribromophenol	16.457	330	38472	89.720	ng	0.00
45) 2-Fluorobiphenyl	13.608	172	102205	80.606	ng	0.00
79) Terphenyl-d14	20.288	244	295714	84.973	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.713	88	2716	46.807	ng	# 89
3) Pyridine	4.136	79	8463	44.318	ng	87
4) n-Nitrosodimethylamine	4.042	42	6912	40.266	ng	91
6) Aniline	7.685	93	12980	42.276	ng	91
8) 2-Chlorophenol	7.926	128	10256	39.870	ng	95
9) Benzaldehyde	7.497	77	6640	41.229	ng	99
10) Phenol	7.521	94	12000	42.756	ng	96
11) bis(2-Chloroethyl)ether	7.773	93	7329	40.090	ng	96
12) 1,3-Dichlorobenzene	8.261	146	13380	40.209	ng	96
13) 1,4-Dichlorobenzene	8.408	146	13850	40.727	ng	96
14) 1,2-Dichlorobenzene	8.731	146	13376	41.157	ng	93
15) Benzyl Alcohol	8.602	79	10967	41.158	ng	87
16) 2,2'-oxybis(1-Chloropr...	8.896	45	9422	39.599	ng	95
17) 2-Methylphenol	8.796	107	9422	42.668	ng	91
18) Hexachloroethane	9.471	117	4152	40.222	ng	# 73
19) n-Nitroso-di-n-propyla...	9.178	70	7775	42.298	ng	# 89
20) 3+4-Methylphenols	9.119	107	13363	42.406	ng	95
22) Acetophenone	9.195	105	18318	40.095	ng	# 98
24) Nitrobenzene	9.589	77	11514	43.374	ng	97
25) Isophorone	10.106	82	22231	40.199	ng	98
26) 2-Nitrophenol	10.300	139	6523	41.509	ng	91
27) 2,4-Dimethylphenol	10.341	122	10412m	39.452	ng	
28) bis(2-Chloroethoxy)met...	10.588	93	9783	40.027	ng	96
29) 2,4-Dichlorophenol	10.834	162	15319	40.895	ng	99
30) 1,2,4-Trichlorobenzene	11.064	180	19738	40.534	ng	97
31) Naphthalene	11.257	128	39401	40.517	ng	99
32) Benzoic acid	10.447	122	9051	40.924	ng	89
33) 4-Chloroaniline	11.351	127	16920	40.587	ng	95
34) Hexachlorobutadiene	11.539	225	18358	40.101	ng	95
35) Caprolactam	12.104	113	4095	39.236	ng	98
36) 4-Chloro-3-methylphenol	12.433	107	14264	40.609	ng	96
37) 2-Methylnaphthalene	12.832	142	33515	39.009	ng	98
38) 1-Methylnaphthalene	13.049	142	33649	40.203	ng	100
40) 1,2,4,5-Tetrachloroben...	13.190	216	30154	40.190	ng	100
41) Hexachlorocyclopentadiene	13.173	237	17433	40.956	ng	98
43) 2,4,6-Trichlorophenol	13.420	196	18646	41.982	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.484	196	20898	41.741	ng	99
46) 1,1'-Biphenyl	13.819	154	48824	40.505	ng	99
47) 2-Chloronaphthalene	13.866	162	39709	40.544	ng	96
48) 2-Nitroaniline	14.054	65	8556	44.531	ng	96
49) Acenaphthylene	14.706	152	63448	40.585	ng	99
50) Dimethylphthalate	14.418	163	63026	40.994	ng	98
51) 2,6-Dinitrotoluene	14.536	165	11877	49.921	ng	93
52) Acenaphthene	15.041	154	43547	41.492	ng	94
53) 3-Nitroaniline	14.865	138	10572	43.686	ng	93
54) 2,4-Dinitrophenol	15.065	184	7842	44.337	ng	# 83
55) Dibenzofuran	15.370	168	71631	40.587	ng	99
56) 4-Nitrophenol	15.141	139	8976	46.286	ng	98
57) 2,4-Dinitrotoluene	15.317	165	16943	47.178	ng	# 91
58) Fluorene	16.017	166	59097	40.962	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.588	232	24673m	43.137	ng	
60) Diethylphthalate	15.770	149	61960	41.232	ng	98
61) 4-Chlorophenyl-phenyle...	16.005	204	40951	41.667	ng	97
62) 4-Nitroaniline	16.022	138	12110	45.951	ng	97
63) Azobenzene	16.293	77	37430	40.924	ng	98
65) 4,6-Dinitro-2-methylph...	16.075	198	11212	44.229	ng	92
66) n-Nitrosodiphenylamine	16.216	169	55657	40.023	ng	99
67) 4-Bromophenyl-phenylether	16.898	248	30644	39.409	ng	96
68) Hexachlorobenzene	17.015	284	38370	40.061	ng	94
69) Atrazine	17.145	200	25490	40.482	ng	98
70) Pentachlorophenol	17.356	266	24002	43.835	ng	98
71) Phenanthrene	17.762	178	112694	40.524	ng	99
72) Anthracene	17.850	178	109773	39.899	ng	99
73) Carbazole	18.108	167	90821	40.025	ng	99
74) Di-n-butylphthalate	18.649	149	106236	40.259	ng	100
75) Fluoranthene	19.747	202	156784	40.261	ng	100
77) Benzidine	19.912	184	39980	37.013	ng	95
78) Pyrene	20.106	202	159912	42.966	ng	99
80) Butylbenzylphthalate	20.975	149	45570	43.210	ng	99
81) Benzo(a)anthracene	22.004	228	183579	42.415	ng	99
82) 3,3'-Dichlorobenzidine	21.904	252	65848	42.286	ng	99
83) Chrysene	22.074	228	171377	42.249	ng	99
84) Bis(2-ethylhexyl)phtha...	21.886	149	66467	42.421	ng	99
85) Di-n-octyl phthalate	23.196	149	113858	42.838	ng	98
87) Indeno(1,2,3-cd)pyrene	29.548	276	243334	39.657	ng	# 99
88) Benzo(b)fluoranthene	24.401	252	196375	39.765	ng	98
89) Benzo(k)fluoranthene	24.477	252	199441	40.479	ng	98
90) Benzo(a)pyrene	25.353	252	167718	40.179	ng	99
91) Dibenzo(a,h)anthracene	29.624	278	202991	39.525	ng	98
92) Benzo(g,h,i)perylene	30.799	276	197990	39.873	ng	98

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

