

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121422\
 Data File : BG055959.D
 Acq On : 14 Dec 2022 14:24
 Operator : CG/JU
 Sample : PB149581BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149581BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/15/2022
 Supervised By :mohammad ahmed 12/16/2022

Quant Time: Dec 15 00:49:19 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	8.370	152	6143	20.000	ng	# 0.00
21) Naphthalene-d8	11.207	136	26110	20.000	ng	# 0.00
39) Acenaphthene-d10	14.979	164	27305	20.000	ng	0.00
64) Phenanthrene-d10	17.717	188	81882	20.000	ng	0.00
76) Chrysene-d12	22.024	240	94266	20.000	ng	0.00
86) Perylene-d12	25.514	264	100361	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.884	112	37167	141.890	ng	0.00
7) Phenol-d6	7.494	99	47160	139.985	ng	0.00
23) Nitrobenzene-d5	9.545	82	27903	74.681	ng	0.00
42) 2,4,6-Tribromophenol	16.460	330	81665	124.035	ng	0.00
45) 2-Fluorobiphenyl	13.610	172	133542	68.592	ng	0.00
79) Terphenyl-d14	20.291	244	414017	77.624	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.716	88	2445	32.074	ng	92
3) Pyridine	4.127	79	7170	28.581	ng	# 92
4) n-Nitrosodimethylamine	4.033	42	7767	34.441	ng	# 97
6) Aniline	7.682	93	16175	40.101	ng	# 89
8) 2-Chlorophenol	7.929	128	14466	42.807	ng	95
9) Benzaldehyde	7.494	77	3972	18.773	ng	97
10) Phenol	7.523	94	17126	46.448	ng	98
11) bis(2-Chloroethyl)ether	7.770	93	9355	38.952	ng	94
12) 1,3-Dichlorobenzene	8.258	146	16384	37.479	ng	93
13) 1,4-Dichlorobenzene	8.405	146	16845	37.705	ng	99
14) 1,2-Dichlorobenzene	8.734	146	16519	38.690	ng	98
15) Benzyl Alcohol	8.599	79	15777	45.070	ng	87
16) 2,2'-oxybis(1-Chloropr...	8.892	45	13005	41.605	ng	98
17) 2-Methylphenol	8.798	107	13199	45.498	ng	88
18) Hexachloroethane	9.468	117	5118	37.740	ng	95
19) n-Nitroso-di-n-propyla...	9.175	70	10224	42.339	ng	90
20) 3+4-Methylphenols	9.122	107	18618	44.972	ng	96
22) Acetophenone	9.198	105	23519	36.337	ng	100
24) Nitrobenzene	9.586	77	15020	39.939	ng	96
25) Isophorone	10.109	82	31010	39.580	ng	98
26) 2-Nitrophenol	10.303	139	8883	39.900	ng	95
27) 2,4-Dimethylphenol	10.344	122	16806m	44.948	ng	
28) bis(2-Chloroethoxy)met...	10.585	93	14727	42.531	ng	97
29) 2,4-Dichlorophenol	10.837	162	21744	40.973	ng	96
30) 1,2,4-Trichlorobenzene	11.061	180	24563	35.606	ng	98
31) Naphthalene	11.260	128	48837	35.448	ng	98
32) Benzoic acid	10.467	122	12426	39.828	ng	91
33) 4-Chloroaniline	11.348	127	15666	26.525	ng	# 95
34) Hexachlorobutadiene	11.536	225	21616	33.329	ng	95
35) Caprolactam	12.112	113	6272m	42.419	ng	
36) 4-Chloro-3-methylphenol	12.435	107	21402	43.008	ng	95
37) 2-Methylnaphthalene	12.835	142	45487	37.371	ng	98
38) 1-Methylnaphthalene	13.046	142	43475	36.664	ng	99
40) 1,2,4,5-Tetrachloroben...	13.193	216	41307	35.855	ng	98
41) Hexachlorocyclopentadiene	13.170	237	51421	78.678	ng	99
43) 2,4,6-Trichlorophenol	13.417	196	26590	38.991	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.487	196	30133	39.198	ng	97
46) 1,1'-Biphenyl	13.822	154	69141	37.357	ng	97
47) 2-Chloronaphthalene	13.869	162	55786	37.095	ng	96
48) 2-Nitroaniline	14.051	65	12068	41.135	ng	93
49) Acenaphthylene	14.703	152	88485	36.862	ng	99
50) Dimethylphthalate	14.421	163	89155	37.767	ng	99
51) 2,6-Dinitrotoluene	14.539	165	16961	46.429	ng	97
52) Acenaphthene	15.044	154	67710	42.017	ng	96
53) 3-Nitroaniline	14.868	138	12349	33.234	ng	94
54) 2,4-Dinitrophenol	15.068	184	22721	83.662	ng	# 89
55) Dibenzofuran	15.373	168	102148	37.694	ng	99
56) 4-Nitrophenol	15.156	139	26645	89.483	ng	95
57) 2,4-Dinitrotoluene	15.320	165	25039	45.408	ng	# 90
58) Fluorene	16.019	166	82949	37.445	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.585	232	35527	40.453	ng	99
60) Diethylphthalate	15.773	149	87693	38.006	ng	98
61) 4-Chlorophenyl-phenyle...	16.002	204	59149	39.195	ng	97
62) 4-Nitroaniline	16.031	138	16578	40.968	ng	92
63) Azobenzene	16.296	77	52886	37.658	ng	98
65) 4,6-Dinitro-2-methylph...	16.078	198	14823	37.896	ng	92
66) n-Nitrosodiphenylamine	16.213	169	78625	36.642	ng	98
67) 4-Bromophenyl-phenylether	16.895	248	42155	35.134	ng	95
68) Hexachlorobenzene	17.018	284	55428	37.505	ng	98
69) Atrazine	17.148	200	39224	40.372	ng	96
70) Pentachlorophenol	17.353	266	68653	81.256	ng	93
71) Phenanthrene	17.759	178	156215	36.405	ng	100
72) Anthracene	17.847	178	158429	37.319	ng	100
73) Carbazole	18.111	167	129558	37.003	ng	98
74) Di-n-butylphthalate	18.646	149	145463	35.725	ng	99
75) Fluoranthene	19.744	202	213508	35.533	ng	100
77) Benzidine	19.909	184	63075	38.101	ng	99
78) Pyrene	20.103	202	213726	37.469	ng	98
80) Butylbenzylphthalate	20.978	149	62184	38.472	ng	100
81) Benzo(a)anthracene	22.001	228	245825	37.059	ng	99
82) 3,3'-Dichlorobenzidine	21.901	252	88096	36.913	ng	97
83) Chrysene	22.077	228	229398	36.900	ng	99
84) Bis(2-ethylhexyl)phtha...	21.883	149	91910	38.274	ng	98
85) Di-n-octyl phthalate	23.193	149	156079	38.316	ng	98
87) Indeno(1,2,3-cd)pyrene	29.551	276	331298	41.051	ng	99
88) Benzo(b)fluoranthene	24.398	252	285573	43.967	ng	99
89) Benzo(k)fluoranthene	24.480	252	273475	42.200	ng	97
90) Benzo(a)pyrene	25.356	252	247550	45.089	ng	99
91) Dibenzo(a,h)anthracene	29.627	278	285602	42.281	ng	99
92) Benzo(g,h,i)perylene	30.808	276	275470	42.179	ng	99

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

