

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011123\
 Data File : BG056251.D
 Acq On : 11 Jan 2023 15:18
 Operator : CG/JU
 Sample : 01053-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-201MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/12/2023
 Supervised By : Jagrut Upadhyay 01/12/2023

Quant Time: Jan 12 04:19:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 03:38:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.318	152	45205	20.000	ng	0.00
21) Naphthalene-d8	11.150	136	166528	20.000	ng	# 0.00
39) Acenaphthene-d10	14.928	164	132965	20.000	ng	0.00
64) Phenanthrene-d10	17.666	188	367194	20.000	ng	0.00
76) Chrysene-d12	21.961	240	355195	20.000	ng	# 0.00
86) Perylene-d12	25.404	264	398536	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.839	112	401218	158.472	ng	0.01
7) Phenol-d6	7.454	99	538274	138.441	ng	0.00
23) Nitrobenzene-d5	9.493	82	319689	98.197	ng	0.00
42) 2,4,6-Tribromophenol	16.408	330	270256	160.486	ng	0.00
45) 2-Fluorobiphenyl	13.559	172	961419	99.847	ng	0.00
79) Terphenyl-d14	20.239	244	2034530	102.590	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.659	88	50220	43.427	ng	# 80
3) Pyridine	4.082	79	123653	35.107	ng	# 94
4) n-Nitrosodimethylamine	3.982	42	33136	46.249	ng	91
6) Aniline	7.631	93	108616	21.302	ng	99
8) 2-Chlorophenol	7.877	128	132762	52.696	ng	96
9) Benzaldehyde	7.443	77	62710	27.126	ng	99
10) Phenol	7.484	94	182755	46.348	ng	96
11) bis(2-Chloroethyl)ether	7.719	93	124317	46.524	ng	95
12) 1,3-Dichlorobenzene	8.206	146	145671	47.508	ng	93
13) 1,4-Dichlorobenzene	8.353	146	148209	48.134	ng	95
14) 1,2-Dichlorobenzene	8.676	146	145066	48.827	ng	97
15) Benzyl Alcohol	8.547	79	133553	47.196	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.835	45	24156	51.156	ng	# 84
17) 2-Methylphenol	8.747	107	131642	45.498	ng	97
18) Hexachloroethane	9.417	117	45391	48.526	ng	96
19) n-Nitroso-di-n-propyla...	9.117	70	99038	41.889	ng	99
20) 3+4-Methylphenols	9.076	107	182131	44.773	ng	97
22) Acetophenone	9.146	105	221387	47.018	ng	# 98
24) Nitrobenzene	9.534	77	150002	46.494	ng	100
25) Isophorone	10.057	82	299730	43.757	ng	99
26) 2-Nitrophenol	10.251	139	83648	50.673	ng	95
27) 2,4-Dimethylphenol	10.292	122	146255	48.577	ng	99
28) bis(2-Chloroethoxy)met...	10.533	93	170525	47.898	ng	98
29) 2,4-Dichlorophenol	10.786	162	172636	51.864	ng	97
30) 1,2,4-Trichlorobenzene	11.003	180	183884	48.681	ng	99
31) Naphthalene	11.197	128	409367	46.709	ng	99
32) Benzoic acid	10.404	122	66904m	29.949	ng	
33) 4-Chloroaniline	11.297	127	18857	4.507	ng	97
34) Hexachlorobutadiene	11.473	225	128071	47.142	ng	99
35) Caprolactam	12.061	113	46497m	41.259	ng	
36) 4-Chloro-3-methylphenol	12.396	107	167688	49.647	ng	99
37) 2-Methylnaphthalene	12.783	142	317813	42.947	ng	98
38) 1-Methylnaphthalene	12.995	142	301810	43.920	ng	97
40) 1,2,4,5-Tetrachloroben...	13.142	216	247555	49.675	ng	98
41) Hexachlorocyclopentadiene	13.118	237	292258	102.864	ng	94
43) 2,4,6-Trichlorophenol	13.371	196	171278	51.976	ng	98

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44) 2,4,5-Trichlorophenol	13.447	196	192257	49.320	ng	99
46) 1,1'-Biphenyl	13.770	154	478888	50.290	ng	98
47) 2-Chloronaphthalene	13.817	162	381897	50.809	ng	99
48) 2-Nitroaniline	14.011	65	83638	52.227	ng	95
49) Acenaphthylene	14.658	152	594627	48.615	ng	99
50) Dimethylphthalate	14.370	163	528139	49.204	ng	98
51) 2,6-Dinitrotoluene	14.493	165	114637	50.122	ng	97
52) Acenaphthene	14.993	154	411907	51.778	ng	99
53) 3-Nitroaniline	14.822	138	49960	22.952	ng	97
54) 2,4-Dinitrophenol	15.028	184	110214	67.453	ng	# 94
55) Dibenzofuran	15.322	168	643981	48.918	ng	97
56) 4-Nitrophenol	15.116	139	162901	97.307	ng	97
57) 2,4-Dinitrotoluene	15.275	165	166024	51.905	ng	94
58) Fluorene	15.968	166	520601	49.167	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.545	232	188705	51.557	ng	96
60) Diethylphthalate	15.715	149	492313	48.908	ng	99
61) 4-Chlorophenyl-phenylether	15.950	204	324945	49.176	ng	99
62) 4-Nitroaniline	15.985	138	109639	49.172	ng	95
63) Azobenzene	16.244	77	382174	49.199	ng	99
65) 4,6-Dinitro-2-methylph...	16.038	198	97336	39.345	ng	96
66) n-Nitrosodiphenylamine	16.168	169	487385	47.839	ng	98
67) 4-Bromophenyl-phenylether	16.843	248	225613	48.251	ng	98
68) Hexachlorobenzene	16.973	284	221858	50.856	ng	99
69) Atrazine	17.096	200	215023	50.926	ng	98
70) Pentachlorophenol	17.307	266	263359	78.589	ng	98
71) Phenanthrene	17.707	178	932702	49.014	ng	98
72) Anthracene	17.801	178	955146	48.658	ng	99
73) Carbazole	18.060	167	824645	49.978	ng	99
74) Di-n-butylphthalate	18.594	149	835453	50.793	ng	99
75) Fluoranthene	19.699	202	1193595	48.086	ng	99
77) Benzidine	19.863	184	70587	5.671	ng	99
78) Pyrene	20.057	202	1210732	48.360	ng	100
80) Butylbenzylphthalate	20.915	149	351076	48.879	ng	98
81) Benzo(a)anthracene	21.937	228	1210120	48.506	ng	99
82) 3,3'-Dichlorobenzidine	21.837	252	201831	22.474	ng	99
83) Chrysene	22.014	228	1137082	48.658	ng	99
84) Bis(2-ethylhexyl)phtha...	21.802	149	510439	49.328	ng	99
85) Di-n-octyl phthalate	23.089	149	881043	50.434	ng	100
87) Indeno(1,2,3-cd)pyrene	29.376	276	1447369	49.937	ng	100
88) Benzo(b)fluoranthene	24.305	252	1309457	51.713	ng	99
89) Benzo(k)fluoranthene	24.381	252	1252087	49.656	ng	99
90) Benzo(a)pyrene	25.239	252	1146575	46.425	ng	99
91) Dibenzo(a,h)anthracene	29.434	278	1217664	50.109	ng	99
92) Benzo(g,h,i)perylene	30.627	276	1166608	49.506	ng	98

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

