

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081123\
 Data File : BG058709.D
 Acq On : 11 Aug 2023 19:25
 Operator : MA/JU
 Sample : 03958-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NEVINS-SB02-Z106-107MSD

Quant Time: Aug 11 23:02:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/12/2023
 Supervised By :mohammad ahmed 08/12/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	52215	20.000	ng	0.00
21) Naphthalene-d8	10.608	136	233882	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	167980	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	389650	20.000	ng	0.00
76) Chrysene-d12	21.449	240	337845	20.000	ng	0.00
86) Perylene-d12	24.521	264	423565	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	293536	85.925	ng	0.00
7) Phenol-d6	6.983	99	415753	87.461	ng	0.00
23) Nitrobenzene-d5	8.975	82	246871	51.854	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	201273	73.102	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	562533	50.185	ng	0.00
79) Terphenyl-d14	19.827	244	1006272	56.012	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.264	88	50627	30.583	ng	95
3) Pyridine	3.664	79	130962	29.018	ng	98
4) n-Nitrosodimethylamine	3.581	42	71028	37.144	ng	95
6) Aniline	7.136	93	135230	23.106	ng	99
8) 2-Chlorophenol	7.377	128	146182	43.619	ng	96
9) Benzaldehyde	6.948	77	72690	28.146	ng	96
10) Phenol	7.013	94	206894	44.556	ng	99
11) bis(2-Chloroethyl)ether	7.236	93	141145	38.556	ng	99
12) 1,3-Dichlorobenzene	7.700	146	138367	38.665	ng	99
13) 1,4-Dichlorobenzene	7.847	146	141224	39.303	ng	98
14) 1,2-Dichlorobenzene	8.164	146	139205	40.520	ng	98
15) Benzyl Alcohol	8.053	79	145317	48.204	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.335	45	244301	41.083	ng	97
17) 2-Methylphenol	8.264	107	139541	41.099	ng	97
18) Hexachloroethane	8.887	117	50948	39.009	ng	90
19) n-Nitroso-di-n-propyla...	8.617	70	118810	38.695	ng	99
20) 3+4-Methylphenols	8.587	107	192734	41.967	ng	98
22) Acetophenone	8.634	105	233699	37.317	ng	98
24) Nitrobenzene	9.022	77	177258	36.623	ng	95
25) Isophorone	9.533	82	349971	35.577	ng	98
26) 2-Nitrophenol	9.727	139	79514	37.740	ng	99
27) 2,4-Dimethylphenol	9.792	122	133981	38.338	ng	96
28) bis(2-Chloroethoxy)met...	10.021	93	201846	37.705	ng	98
29) 2,4-Dichlorophenol	10.268	162	147439	40.633	ng	100
30) 1,2,4-Trichlorobenzene	10.473	180	155528	37.166	ng	98
31) Naphthalene	10.661	128	448154	36.356	ng	100
32) Benzoic acid	9.962	122	83543	32.900	ng	96
33) 4-Chloroaniline	10.779	127	78741	15.119	ng	98
34) Hexachlorobutadiene	10.943	225	96175	35.688	ng	98
35) Caprolactam	11.560	113	51115m	38.147	ng	
36) 4-Chloro-3-methylphenol	11.913	107	178045	39.665	ng	97
37) 2-Methylnaphthalene	12.277	142	315718	35.805	ng	98
38) 1-Methylnaphthalene	12.494	142	302971	36.146	ng	100
40) 1,2,4,5-Tetrachloroben...	12.647	216	186983	36.257	ng	99
41) Hexachlorocyclopentadiene	12.624	237	127145	55.373	ng	99
43) 2,4,6-Trichlorophenol	12.894	196	134539	37.929	ng	93

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44) 2,4,5-Trichlorophenol	12.970	196	144680	34.629	ng	99
46) 1,1'-Biphenyl	13.288	154	421865	36.569	ng	100
47) 2-Chloronaphthalene	13.335	162	334735	37.215	ng	99
48) 2-Nitroaniline	13.546	65	131200	38.215	ng	98
49) Acenaphthylene	14.181	152	560343	37.209	ng	99
50) Dimethylphthalate	13.922	163	445119	35.283	ng	99
51) 2,6-Dinitrotoluene	14.046	165	101520	36.675	ng	98
52) Acenaphthene	14.527	154	312799	35.948	ng	99
53) 3-Nitroaniline	14.375	138	57536	20.775	ng	97
54) 2,4-Dinitrophenol	14.592	184	75716	51.467	ng	94
55) Dibenzofuran	14.862	168	531082	35.519	ng	99
56) 4-Nitrophenol	14.698	139	149396	73.098	ng	95
57) 2,4-Dinitrotoluene	14.839	165	141859	36.965	ng	98
58) Fluorene	15.509	166	425095	35.789	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.091	232	127549	35.776	ng	99
60) Diethylphthalate	15.279	149	448161	34.870	ng	100
61) 4-Chlorophenyl-phenyle...	15.497	204	232516	35.112	ng	98
62) 4-Nitroaniline	15.538	138	92773	35.362	ng	97
63) Azobenzene	15.796	77	451083	35.633	ng	99
65) 4,6-Dinitro-2-methylph...	15.603	198	65717	30.588	ng	99
66) n-Nitrosodiphenylamine	15.720	169	376888	37.163	ng	98
67) 4-Bromophenyl-phenylether	16.396	248	160119	36.230	ng	98
68) Hexachlorobenzene	16.513	284	179458	38.320	ng	99
69) Atrazine	16.666	200	148539	43.388	ng	100
70) Pentachlorophenol	16.860	266	170762	60.242	ng	98
71) Phenanthrene	17.248	178	716027	38.748	ng	99
72) Anthracene	17.342	178	700105	36.924	ng	99
73) Carbazole	17.612	167	639423	38.243	ng	100
74) Di-n-butylphthalate	18.164	149	781108	37.297	ng	99
75) Fluoranthene	19.263	202	828397	37.320	ng	99
77) Benzidine	19.451	184	307958	60.112	ng	98
78) Pyrene	19.627	202	866760	37.698	ng	99
80) Butylbenzylphthalate	20.514	149	349911	37.050	ng	99
81) Benzo(a)anthracene	21.431	228	869962	37.417	ng	100
82) 3,3'-Dichlorobenzidine	21.355	252	137549	17.497	ng	97
83) Chrysene	21.496	228	810868	36.375	ng	100
84) Bis(2-ethylhexyl)phtha...	21.331	149	518186	37.546	ng	100
85) Di-n-octyl phthalate	22.483	149	894269	36.855	ng	99
87) Indeno(1,2,3-cd)pyrene	28.012	276	940917	33.391	ng	# 88
88) Benzo(b)fluoranthene	23.546	252	896164	39.009	ng	99
89) Benzo(k)fluoranthene	23.611	252	861312	37.320	ng	100
90) Benzo(a)pyrene	24.375	252	806152	35.732	ng	99
91) Dibenzo(a,h)anthracene	28.070	278	779409	33.452	ng	100
92) Benzo(g,h,i)perylene	29.110	276	738600	31.613	ng	99

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

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