

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081123\
 Data File : BG058697.D
 Acq On : 11 Aug 2023 10:25
 Operator : MA/JU
 Sample : PB154742BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB154742BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/11/2023

Supervised By :mohammad ahmed 08/12/2023

Quant Time: Aug 11 11:10:10 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.806	152	45834	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	200356	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	142801	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	363162	20.000	ng	0.00
76) Chrysene-d12	21.455	240	326747	20.000	ng	0.00
86) Perylene-d12	24.522	264	416380	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	368997	123.052	ng	0.00
7) Phenol-d6	6.984	99	500044	119.838	ng	0.00
23) Nitrobenzene-d5	8.976	82	300389	73.652	ng	0.00
42) 2,4,6-Tribromophenol	15.956	330	258406	110.401	ng	0.00
45) 2-Fluorobiphenyl	13.077	172	679124	71.269	ng	0.00
79) Terphenyl-d14	19.828	244	1358334	78.176	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.259	88	45813	31.528	ng	97
3) Pyridine	3.658	79	115425	29.136	ng	96
4) n-Nitrosodimethylamine	3.576	42	66443	39.583	ng	95
6) Aniline	7.137	93	167814	32.665	ng	97
8) 2-Chlorophenol	7.377	128	135602	46.095	ng	98
9) Benzaldehyde	6.949	77	72357	31.917	ng	97
10) Phenol	7.013	94	190710	46.788	ng	98
11) bis(2-Chloroethyl)ether	7.231	93	132707	41.298	ng	95
12) 1,3-Dichlorobenzene	7.701	146	130909	41.673	ng	97
13) 1,4-Dichlorobenzene	7.847	146	133041	42.180	ng	95
14) 1,2-Dichlorobenzene	8.165	146	128736	42.690	ng	100
15) Benzyl Alcohol	8.053	79	132712	50.152	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.341	45	224190m	42.950	ng	
17) 2-Methylphenol	8.259	107	129905	43.588	ng	99
18) Hexachloroethane	8.887	117	47991	41.861	ng	98
19) n-Nitroso-di-n-propyla...	8.617	70	110085	40.844	ng	99
20) 3+4-Methylphenols	8.588	107	176624	43.813	ng	99
22) Acetophenone	8.635	105	215408	40.152	ng	99
24) Nitrobenzene	9.017	77	163000	39.312	ng	97
25) Isophorone	9.534	82	318916	37.845	ng	100
26) 2-Nitrophenol	9.728	139	72614	40.232	ng	97
27) 2,4-Dimethylphenol	9.792	122	122965	41.073	ng	98
28) bis(2-Chloroethoxy)met...	10.021	93	182355	39.764	ng	100
29) 2,4-Dichlorophenol	10.268	162	133377	42.908	ng	99
30) 1,2,4-Trichlorobenzene	10.474	180	143728	40.094	ng	98
31) Naphthalene	10.662	128	405597	38.409	ng	99
32) Benzoic acid	9.957	122	65035	30.313	ng	98
33) 4-Chloroaniline	10.779	127	114294	25.617	ng	98
34) Hexachlorobutadiene	10.944	225	88470	38.322	ng	98
35) Caprolactam	11.555	113	48822m	42.532	ng	
36) 4-Chloro-3-methylphenol	11.913	107	161149	41.909	ng	99
37) 2-Methylnaphthalene	12.278	142	283057	37.473	ng	97
38) 1-Methylnaphthalene	12.495	142	272396	37.936	ng	99
40) 1,2,4,5-Tetrachloroben...	12.648	216	167073	38.109	ng	100
41) Hexachlorocyclopentadiene	12.624	237	137203	68.453	ng	94
43) 2,4,6-Trichlorophenol	12.895	196	121509	40.295	ng	98

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44) 2,4,5-Trichlorophenol	12.971	196	132153	37.208	ng	98
46) 1,1'-Biphenyl	13.288	154	378984	38.645	ng	100
47) 2-Chloronaphthalene	13.335	162	304286	39.794	ng	99
48) 2-Nitroaniline	13.547	65	121662	41.685	ng	98
49) Acenaphthylene	14.181	152	513469	40.109	ng	100
50) Dimethylphthalate	13.917	163	428159	39.923	ng	99
51) 2,6-Dinitrotoluene	14.040	165	95164	40.440	ng	96
52) Acenaphthene	14.522	154	287848	38.913	ng	98
53) 3-Nitroaniline	14.375	138	70736	30.045	ng	98
54) 2,4-Dinitrophenol	14.593	184	106877	80.515	ng	96
55) Dibenzofuran	14.863	168	492171	38.721	ng	99
56) 4-Nitrophenol	14.692	139	151580	86.601	ng	97
57) 2,4-Dinitrotoluene	14.833	165	138591	42.481	ng	94
58) Fluorene	15.509	166	402185	39.830	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.092	232	126439	41.718	ng	98
60) Diethylphthalate	15.280	149	445498	40.775	ng	99
61) 4-Chlorophenyl-phenyle...	15.497	204	218547	38.822	ng	99
62) 4-Nitroaniline	15.538	138	99796	44.746	ng	98
63) Azobenzene	15.791	77	430639	40.016	ng	98
65) 4,6-Dinitro-2-methylph...	15.603	198	82956	41.428	ng	100
66) n-Nitrosodiphenylamine	15.721	169	365285	38.646	ng	99
67) 4-Bromophenyl-phenylether	16.396	248	156432	37.978	ng	99
68) Hexachlorobenzene	16.514	284	174359	39.947	ng	99
69) Atrazine	16.667	200	152193	47.697	ng	99
70) Pentachlorophenol	16.860	266	174872	66.192	ng	99
71) Phenanthrene	17.248	178	677186	39.319	ng	99
72) Anthracene	17.342	178	695773	39.372	ng	99
73) Carbazole	17.613	167	665174	42.684	ng	99
74) Di-n-butylphthalate	18.165	149	811956	41.598	ng	100
75) Fluoranthene	19.264	202	856783	41.414	ng	99
77) Benzidine	19.452	184	355999	71.849	ng	98
78) Pyrene	19.628	202	876859	39.432	ng	99
80) Butylbenzylphthalate	20.515	149	365156	39.977	ng	100
81) Benzo(a)anthracene	21.432	228	908860	40.418	ng	99
82) 3,3'-Dichlorobenzidine	21.355	252	272027	35.780	ng	97
83) Chrysene	21.496	228	843743	39.135	ng	100
84) Bis(2-ethylhexyl)phtha...	21.338	149	530466	39.742	ng	99
85) Di-n-octyl phthalate	22.483	149	935134	39.849	ng	100
87) Indeno(1,2,3-cd)pyrene	28.030	276	1142707	41.252	ng	99
88) Benzo(b)fluoranthene	23.553	252	947898	41.973	ng	100
89) Benzo(k)fluoranthene	23.617	252	926871	40.854	ng	100
90) Benzo(a)pyrene	24.381	252	847236	38.201	ng	100
91) Dibenzo(a,h)anthracene	28.083	278	947422	41.364	ng	98
92) Benzo(g,h,i)perylene	29.123	276	918522	39.992	ng	99

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

