

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061923\
 Data File : BG057761.D
 Acq On : 19 Jun 2023 18:59
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

ICVBG061923

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023

Quant Time: Jun 20 03:41:37 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jun 20 03:40:38 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.926	152	34290	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	148286	20.000	ng	0.00
39) Acenaphthene-d10	14.565	164	108894	20.000	ng	0.00
64) Phenanthrene-d10	17.303	188	265814	20.000	ng	0.00
76) Chrysene-d12	21.557	240	222146	20.000	ng	0.00
86) Perylene-d12	24.706	264	271180	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	177655	79.886	ng	0.00
7) Phenol-d6	7.086	99	272944	80.436	ng	0.00
23) Nitrobenzene-d5	9.089	82	250550	86.718	ng	0.00
42) 2,4,6-Tribromophenol	16.046	330	132239	87.178	ng	0.00
45) 2-Fluorobiphenyl	13.190	172	572308	79.715	ng	0.00
79) Terphenyl-d14	19.918	244	948491	79.615	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.408	88	39874	39.389	ng	99
3) Pyridine	3.801	79	124731m	40.455	ng	
4) n-Nitrosodimethylamine	3.719	42	55209	39.189	ng	99
6) Aniline	7.256	93	171431	39.456	ng	99
8) 2-Chlorophenol	7.491	128	90534	39.572	ng	98
9) Benzaldehyde	7.068	77	75886	35.566	ng	99
10) Phenol	7.115	94	132334	39.609	ng	98
11) bis(2-Chloroethyl)ether	7.350	93	102032	39.721	ng	99
12) 1,3-Dichlorobenzene	7.820	146	90988	39.079	ng	95
13) 1,4-Dichlorobenzene	7.967	146	93234	39.520	ng	97
14) 1,2-Dichlorobenzene	8.284	146	89512	39.212	ng	93
15) Benzyl Alcohol	8.161	79	103949	40.063	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.455	45	193410m	39.195	ng	
17) 2-Methylphenol	8.366	107	97431	39.649	ng	98
18) Hexachloroethane	9.013	117	33527	40.304	ng	93
19) n-Nitroso-di-n-propyla...	8.737	70	95514	40.374	ng	97
20) 3+4-Methylphenols	8.695	107	137526	40.516	ng	97
22) Acetophenone	8.748	105	170036	40.891	ng	98
24) Nitrobenzene	9.130	77	129130	42.943	ng	99
25) Isophorone	9.653	82	273959	41.503	ng	98
26) 2-Nitrophenol	9.841	139	48306	50.495	ng	98
27) 2,4-Dimethylphenol	9.900	122	98852	41.736	ng	99
28) bis(2-Chloroethoxy)met...	10.135	93	146260	41.144	ng	100
29) 2,4-Dichlorophenol	10.370	162	94662	42.087	ng	100
30) 1,2,4-Trichlorobenzene	10.593	180	103089	41.119	ng	98
31) Naphthalene	10.781	128	320266	40.580	ng	99
32) Benzoic acid	10.029	122	81127m	46.522	ng	
33) 4-Chloroaniline	10.887	127	154986	42.383	ng	97
34) Hexachlorobutadiene	11.069	225	62033	40.556	ng	98
35) Caprolactam	11.663	113	38105	41.750	ng	99
36) 4-Chloro-3-methylphenol	12.003	107	126650	43.116	ng	99
37) 2-Methylnaphthalene	12.391	142	236242	41.067	ng	98
38) 1-Methylnaphthalene	12.609	142	222083	40.897	ng	99
40) 1,2,4,5-Tetrachloroben...	12.755	216	123302	40.844	ng	100
41) Hexachlorocyclopentadiene	12.738	237	68438	42.701	ng	96
43) 2,4,6-Trichlorophenol	12.990	196	90374	41.809	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.061	196	108288	42.978	ng	94
46) 1,1'-Biphenyl	13.396	154	300830	40.234	ng	97
47) 2-Chloronaphthalene	13.437	162	230195	40.074	ng	99
48) 2-Nitroaniline	13.637	65	93038	45.578	ng	97
49) Acenaphthylene	14.283	152	402884	40.862	ng	99
50) Dimethylphthalate	14.019	163	342969	41.007	ng	100
51) 2,6-Dinitrotoluene	14.136	165	70544	45.803	ng	97
52) Acenaphthene	14.624	154	251674	41.233	ng	97
53) 3-Nitroaniline	14.465	138	78543	45.253	ng	95
54) 2,4-Dinitrophenol	14.665	184	33144	43.108	ng	97
55) Dibenzofuran	14.959	168	400568	40.814	ng	99
56) 4-Nitrophenol	14.759	139	62708	45.461	ng	98
57) 2,4-Dinitrotoluene	14.918	165	98674	47.245	ng	97
58) Fluorene	15.605	166	311066	40.040	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.182	232	92453	43.056	ng	99
60) Diethylphthalate	15.382	149	354729	41.341	ng	99
61) 4-Chlorophenyl-phenyle...	15.599	204	169177	40.954	ng	98
62) 4-Nitroaniline	15.629	138	78842	44.557	ng	99
63) Azobenzene	15.893	77	357583	40.741	ng	99
65) 4,6-Dinitro-2-methylph...	15.681	198	50438	42.046	ng	99
66) n-Nitrosodiphenylamine	15.817	169	283660	40.433	ng	99
67) 4-Bromophenyl-phenylether	16.492	248	114553	40.635	ng	95
68) Hexachlorobenzene	16.610	284	116899	40.677	ng	97
69) Atrazine	16.763	200	99020	41.116	ng	99
70) Pentachlorophenol	16.951	266	93611	44.091	ng	95
71) Phenanthrene	17.344	178	514196	39.952	ng	100
72) Anthracene	17.438	178	527765	40.158	ng	99
73) Carbazole	17.703	167	486785	40.172	ng	98
74) Di-n-butylphthalate	18.267	149	592909	41.324	ng	100
75) Fluoranthene	19.359	202	617144	40.251	ng	99
77) Benzidine	19.536	184	209690	40.268	ng	99
78) Pyrene	19.718	202	628163	39.640	ng	100
80) Butylbenzylphthalate	20.611	149	255043	42.308	ng	96
81) Benzo(a)anthracene	21.533	228	615215	40.365	ng	99
82) 3,3'-Dichlorobenzidine	21.457	252	216530	41.770	ng	98
83) Chrysene	21.604	228	585927	40.058	ng	99
84) Bis(2-ethylhexyl)phtha...	21.457	149	361327	41.284	ng	99
85) Di-n-octyl phthalate	22.644	149	641184	41.767	ng	99
87) Indeno(1,2,3-cd)pyrene	28.296	276	729462	41.143	ng	# 93
88) Benzo(b)fluoranthene	23.707	252	603139	40.587	ng	99
89) Benzo(k)fluoranthene	23.772	252	621042	41.034	ng	100
90) Benzo(a)pyrene	24.559	252	596987	40.905	ng	99
91) Dibenzo(a,h)anthracene	28.367	278	608405	41.357	ng	99
92) Benzo(g,h,i)perylene	29.412	276	602269	40.888	ng	99

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

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