

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120123\
 Data File : BG059932.D
 Acq On : 2 Dec 2023 00:36
 Operator : MA/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

ICVBG120123

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/04/2023

Supervised By :mohammad ahmed 12/04/2023

Quant Time: Dec 02 03:37:46 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120123.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Dec 02 03:28:09 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.964	152	26390	20.000	ng	0.00
21) Naphthalene-d8	10.772	136	110945	20.000	ng	# 0.00
39) Acenaphthene-d10	14.602	164	133130	20.000	ng	0.00
64) Phenanthrene-d10	17.345	188	475216	20.000	ng	0.00
76) Chrysene-d12	21.622	240	749067	20.000	ng	# 0.00
86) Perylene-d12	24.812	264	926830	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	102613	85.960	ng	0.00
7) Phenol-d6	7.112	99	160249	89.874	ng	0.00
23) Nitrobenzene-d5	9.121	82	276642	86.362	ng	0.00
42) 2,4,6-Tribromophenol	16.088	330	452437	93.359	ng	0.00
45) 2-Fluorobiphenyl	13.227	172	1118086	85.729	ng	0.00
79) Terphenyl-d14	19.971	244	3768558	84.919	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.435	88	18993	48.404	ng	94
3) Pyridine	3.834	79	48889m	42.884	ng	
4) n-Nitrosodimethylamine	3.746	42	47110	55.439	ng	# 75
6) Aniline	7.288	93	74888	41.402	ng	# 92
8) 2-Chlorophenol	7.529	128	55684	46.450	ng	95
9) Benzaldehyde	7.100	77	66423	48.154	ng	95
10) Phenol	7.141	94	77291	43.987	ng	91
11) bis(2-Chloroethyl)ether	7.382	93	48890	43.603	ng	95
12) 1,3-Dichlorobenzene	7.852	146	89027m	45.512	ng	
13) 1,4-Dichlorobenzene	8.005	146	89106	45.025	ng	99
14) 1,2-Dichlorobenzene	8.316	146	89306	45.301	ng	99
15) Benzyl Alcohol	8.193	79	102448	48.910	ng	90
16) 2,2'-oxybis(1-Chloropr...	8.493	45	17600	47.744	ng	93
17) 2-Methylphenol	8.399	107	57130	45.056	ng	# 80
18) Hexachloroethane	9.051	117	41593	48.769	ng	83
19) n-Nitroso-di-n-propyla...	8.769	70	64103	44.332	ng	# 89
20) 3+4-Methylphenols	8.728	107	85234	46.100	ng	94
22) Acetophenone	8.786	105	154671	43.578	ng	# 94
24) Nitrobenzene	9.168	77	142229	45.648	ng	# 90
25) Isophorone	9.691	82	203821	42.659	ng	95
26) 2-Nitrophenol	9.879	139	42431	42.676	ng	97
27) 2,4-Dimethylphenol	9.932	122	49911	44.641	ng	# 80
28) bis(2-Chloroethoxy)met...	10.173	93	82353	42.256	ng	# 98
29) 2,4-Dichlorophenol	10.408	162	125842	43.785	ng	87
30) 1,2,4-Trichlorobenzene	10.631	180	200494	44.993	ng	93
31) Naphthalene	10.819	128	226470	40.582	ng	# 95
32) Benzoic acid	10.067	122	47898	42.286	ng	# 78
33) 4-Chloroaniline	10.925	127	86206	42.535	ng	97
34) Hexachlorobutadiene	11.107	225	251138	47.409	ng	97
35) Caprolactam	11.700	113	21206	42.503	ng	94
36) 4-Chloro-3-methylphenol	12.041	107	118528	46.862	ng	95
37) 2-Methylnaphthalene	12.428	142	226528	42.258	ng	93
38) 1-Methylnaphthalene	12.428	142	226528	43.254	ng	100
40) 1,2,4,5-Tetrachloroben...	12.793	216	420389	44.453	ng	99
41) Hexachlorocyclopentadiene	12.775	237	194422	43.245	ng	89
43) 2,4,6-Trichlorophenol	13.028	196	221425	44.648	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.098	196	243764	44.284	ng	97
46) 1,1'-Biphenyl	13.439	154	390310	40.978	ng	98
47) 2-Chloronaphthalene	13.480	162	353754	40.908	ng	95
48) 2-Nitroaniline	13.680	65	75053	44.507	ng	86
49) Acenaphthylene	14.326	152	452013	41.405	ng	96
50) Dimethylphthalate	14.062	163	497738	43.247	ng	# 98
51) 2,6-Dinitrotoluene	14.173	165	95454	39.031	ng	95
52) Acenaphthene	14.667	154	351930m	42.538	ng	
53) 3-Nitroaniline	14.502	138	56201	39.041	ng	# 91
54) 2,4-Dinitrophenol	14.702	184	86993	42.004	ng	92
55) Dibenzofuran	15.001	168	610186	41.811	ng	94
56) 4-Nitrophenol	14.796	139	43784	38.790	ng	93
57) 2,4-Dinitrotoluene	14.954	165	150157	40.870	ng	# 92
58) Fluorene	15.648	166	532836	41.405	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.219	232	285265	43.111	ng	98
60) Diethylphthalate	15.424	149	432481	44.403	ng	98
61) 4-Chlorophenyl-phenyle...	15.648	204	503144	44.359	ng	97
62) 4-Nitroaniline	15.665	138	67209	40.485	ng	# 70
63) Azobenzene	15.935	77	435149	43.952	ng	94
65) 4,6-Dinitro-2-methylph...	15.718	198	152345	41.723	ng	95
66) n-Nitrosodiphenylamine	15.859	169	431064	42.174	ng	97
67) 4-Bromophenyl-phenylether	16.541	248	402855	43.738	ng	99
68) Hexachlorobenzene	16.652	284	463067	44.822	ng	96
69) Atrazine	16.805	200	243978	42.865	ng	98
70) Pentachlorophenol	16.993	266	328465	47.155	ng	94
71) Phenanthrene	17.392	178	908358	41.067	ng	99
72) Anthracene	17.480	178	928767	41.547	ng	100
73) Carbazole	17.751	167	689385	41.535	ng	99
74) Di-n-butylphthalate	18.320	149	590211	43.385	ng	98
75) Fluoranthene	19.407	202	1609741	42.322	ng	99
77) Benzidine	19.583	184	301437	38.394	ng	# 96
78) Pyrene	19.766	202	1672851	41.477	ng	99
80) Butylbenzylphthalate	20.664	149	208526	38.824	ng	97
81) Benzo(a)anthracene	21.604	228	2117515	42.996	ng	99
82) 3,3'-Dichlorobenzidine	21.522	252	691785	43.576	ng	# 97
83) Chrysene	21.669	228	1959502	41.891	ng	99
84) Bis(2-ethylhexyl)phtha...	21.528	149	314718	40.415	ng	96
85) Di-n-octyl phthalate	22.738	149	570167	40.994	ng	99
87) Indeno(1,2,3-cd)pyrene	28.460	276	2708044	39.553	ng	# 92
88) Benzo(b)fluoranthene	23.807	252	2427910m	40.496	ng	
89) Benzo(k)fluoranthene	23.872	252	2416647	42.242	ng	98
90) Benzo(a)pyrene	24.665	252	2111739	42.161	ng	99
91) Dibenzo(a,h)anthracene	28.536	278	2350482	40.113	ng	99
92) Benzo(g,h,i)perylene	29.611	276	2144045	38.888	ng	# 98

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

