

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032924\
 Data File : BG060707.D
 Acq On : 29 Mar 2024 17:32
 Operator : MA/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

ICVBG032924

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/02/2024

Supervised By :mohammad ahmed 04/02/2024

Quant Time: Mar 30 03:14:17 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Mar 30 03:12:26 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.964	152	58379	20.000	ng	0.00
21) Naphthalene-d8	10.761	136	258905	20.000	ng	0.00
39) Acenaphthene-d10	14.592	164	185550	20.000	ng	0.00
64) Phenanthrene-d10	17.335	188	437819	20.000	ng	0.00
76) Chrysene-d12	21.601	240	397699	20.000	ng	0.00
86) Perylene-d12	24.744	264	466575	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.538	112	271317	77.422	ng	0.00
7) Phenol-d6	7.118	99	409394	78.702	ng	0.00
23) Nitrobenzene-d5	9.116	82	388949	85.723	ng	0.00
42) 2,4,6-Tribromophenol	16.078	330	186597	88.590	ng	0.00
45) 2-Fluorobiphenyl	13.217	172	1007552	79.694	ng	0.00
79) Terphenyl-d14	19.962	244	1785949	79.074	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.463	88	54248	37.757	ng	96
3) Pyridine	3.851	79	174767	40.326	ng	95
4) n-Nitrosodimethylamine	3.769	42	103405	39.916	ng	98
6) Aniline	7.283	93	253906	38.653	ng	99
8) 2-Chlorophenol	7.523	128	154246	38.824	ng	96
9) Benzaldehyde	7.100	77	108118	37.692	ng	99
10) Phenol	7.142	94	207296	39.048	ng	98
11) bis(2-Chloroethyl)ether	7.382	93	162456	37.903	ng	99
12) 1,3-Dichlorobenzene	7.852	146	155858	37.724	ng	99
13) 1,4-Dichlorobenzene	7.999	146	161035	38.205	ng	98
14) 1,2-Dichlorobenzene	8.311	146	157313	38.084	ng	94
15) Benzyl Alcohol	8.193	79	165949	39.384	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.499	45	367198m	37.962	ng	
17) 2-Methylphenol	8.393	107	155076	38.695	ng	98
18) Hexachloroethane	9.045	117	58357	38.982	ng	95
19) n-Nitroso-di-n-propyla...	8.769	70	153643	38.731	ng	97
20) 3+4-Methylphenols	8.722	107	212622	38.743	ng	94
22) Acetophenone	8.781	105	279321	39.126	ng	# 98
24) Nitrobenzene	9.157	77	201170	40.303	ng	97
25) Isophorone	9.686	82	412122	39.435	ng	99
26) 2-Nitrophenol	9.868	139	75992	43.835	ng	95
27) 2,4-Dimethylphenol	9.926	122	164850	39.269	ng	99
28) bis(2-Chloroethoxy)met...	10.167	93	238945	38.728	ng	99
29) 2,4-Dichlorophenol	10.397	162	157862	40.950	ng	99
30) 1,2,4-Trichlorobenzene	10.620	180	170949	39.162	ng	97
31) Naphthalene	10.808	128	545076	38.919	ng	100
32) Benzoic acid	10.044	122	112047	41.239	ng	96
33) 4-Chloroaniline	10.908	127	251112	38.603	ng	99
34) Hexachlorobutadiene	11.107	225	112624	38.713	ng	96
35) Caprolactam	11.666	113	59572	39.017	ng	94
36) 4-Chloro-3-methylphenol	12.030	107	194106	39.416	ng	98
37) 2-Methylnaphthalene	12.418	142	391927	38.064	ng	98
38) 1-Methylnaphthalene	12.635	142	373481	38.396	ng	96
40) 1,2,4,5-Tetrachloroben...	12.782	216	216693	40.622	ng	99
41) Hexachlorocyclopentadiene	12.770	237	114190	42.099	ng	95
43) 2,4,6-Trichlorophenol	13.017	196	146156	42.551	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.082	196	178385	43.518	ng	97
46) 1,1'-Biphenyl	13.428	154	513346	39.169	ng	97
47) 2-Chloronaphthalene	13.464	162	389878	39.154	ng	99
48) 2-Nitroaniline	13.657	65	137681	43.411	ng	98
49) Acenaphthylene	14.310	152	670894	40.098	ng	98
50) Dimethylphthalate	14.051	163	589262	40.179	ng	99
51) 2,6-Dinitrotoluene	14.157	165	111269	42.783	ng	95
52) Acenaphthene	14.656	154	420006	39.982	ng	98
53) 3-Nitroaniline	14.480	138	124342	43.452	ng	92
54) 2,4-Dinitrophenol	14.686	184	47393	46.425	ng	93
55) Dibenzofuran	14.991	168	663703	40.055	ng	99
56) 4-Nitrophenol	14.780	139	98966	46.159	ng	94
57) 2,4-Dinitrotoluene	14.944	165	150064	44.384	ng	98
58) Fluorene	15.637	166	522566	39.295	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.209	232	150815	42.218	ng	98
60) Diethylphthalate	15.426	149	594391	40.284	ng	99
61) 4-Chlorophenyl-phenyle...	15.637	204	277603	39.457	ng	96
62) 4-Nitroaniline	15.649	138	124655	46.488	ng	97
63) Azobenzene	15.931	77	566824	39.423	ng	99
65) 4,6-Dinitro-2-methylph...	15.708	198	73079	41.553	ng	98
66) n-Nitrosodiphenylamine	15.849	169	492998	39.404	ng	97
67) 4-Bromophenyl-phenylether	16.531	248	181008	40.737	ng	97
68) Hexachlorobenzene	16.642	284	201822	40.236	ng	97
69) Atrazine	16.801	200	177424	40.553	ng	97
70) Pentachlorophenol	16.977	266	143714	43.911	ng	95
71) Phenanthrene	17.382	178	894000	39.262	ng	99
72) Anthracene	17.471	178	920841	39.821	ng	99
73) Carbazole	17.735	167	797321	39.106	ng	99
74) Di-n-butylphthalate	18.323	149	1001597	39.404	ng	100
75) Fluoranthene	19.392	202	1070958	38.760	ng	99
77) Benzidine	19.568	184	465536	44.454	ng	99
78) Pyrene	19.750	202	1109097	39.875	ng	99
80) Butylbenzylphthalate	20.667	149	429137	42.295	ng	95
81) Benzo(a)anthracene	21.583	228	1115603	39.795	ng	99
82) 3,3'-Dichlorobenzidine	21.501	252	393586	41.581	ng	98
83) Chrysene	21.648	228	1070614	39.623	ng	99
84) Bis(2-ethylhexyl)phtha...	21.536	149	666064	41.187	ng	99
85) Di-n-octyl phthalate	22.747	149	1100461	41.770	ng	99
87) Indeno(1,2,3-cd)pyrene	28.311	276	1299775	39.559	ng	94
88) Benzo(b)fluoranthene	23.751	252	1046297	39.034	ng	99
89) Benzo(k)fluoranthene	23.822	252	1088126	39.661	ng	100
90) Benzo(a)pyrene	24.603	252	1027571	39.448	ng	99
91) Dibenzo(a,h)anthracene	28.387	278	1096051	39.573	ng	100
92) Benzo(g,h,i)perylene	29.421	276	1060728	39.370	ng	99

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

