

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041324\
 Data File : BG060891.D
 Acq On : 13 Apr 2024 13:06
 Operator : MA/JU
 Sample : PB160208BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB160208BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024

Quant Time: Apr 15 01:15:55 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	7.955	152	50120	20.000	ng	0.00
21) Naphthalene-d8	10.746	136	205639	20.000	ng	-0.01
39) Acenaphthene-d10	14.582	164	169043	20.000	ng	0.00
64) Phenanthrene-d10	17.332	188	418375	20.000	ng	0.00
76) Chrysene-d12	21.598	240	372491	20.000	ng	# 0.00
86) Perylene-d12	24.729	264	413390	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	354545	117.844	ng	0.00
7) Phenol-d6	7.120	99	503877	112.827	ng	0.00
23) Nitrobenzene-d5	9.106	82	321625	89.246	ng	0.00
42) 2,4,6-Tribromophenol	16.075	330	311752	162.463	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	870779	75.601	ng	-0.01
79) Terphenyl-d14	19.952	244	1685192	79.662	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.454	88	35136	28.485	ng	96
3) Pyridine	3.842	79	95920	25.780	ng	90
4) n-Nitrosodimethylamine	3.760	42	83696	37.632	ng	91
6) Aniline	7.273	93	122198	21.668	ng	98
8) 2-Chlorophenol	7.520	128	144448	42.350	ng	95
9) Benzaldehyde	7.085	77	21220m	8.617	ng	
10) Phenol	7.144	94	191938	42.113	ng	97
11) bis(2-Chloroethyl)ether	7.373	93	128683	34.970	ng	99
12) 1,3-Dichlorobenzene	7.843	146	137699	38.821	ng	99
13) 1,4-Dichlorobenzene	7.984	146	147087	40.646	ng	99
14) 1,2-Dichlorobenzene	8.301	146	141774	39.978	ng	97
15) Benzyl Alcohol	8.184	79	142932	39.511	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.472	45	313926	37.802	ng	99
17) 2-Methylphenol	8.395	107	130646	37.971	ng	98
18) Hexachloroethane	9.030	117	50755	39.491	ng	# 87
19) n-Nitroso-di-n-propyla...	8.754	70	120646	35.425	ng	# 97
20) 3+4-Methylphenols	8.719	107	180876	38.389	ng	95
22) Acetophenone	8.766	105	228177	40.241	ng	# 98
24) Nitrobenzene	9.147	77	164370	41.381	ng	96
25) Isophorone	9.670	82	316265	38.102	ng	100
26) 2-Nitrophenol	9.858	139	76322	53.149	ng	# 88
27) 2,4-Dimethylphenol	9.923	122	108759	32.618	ng	97
28) bis(2-Chloroethoxy)met...	10.158	93	182382	37.217	ng	98
29) 2,4-Dichlorophenol	10.399	162	146698	47.911	ng	96
30) 1,2,4-Trichlorobenzene	10.610	180	151556	43.713	ng	97
31) Naphthalene	10.798	128	429344	38.597	ng	98
32) Benzoic acid	10.064	122	106504	48.007	ng	98
33) 4-Chloroaniline	10.898	127	79898	15.464	ng	96
34) Hexachlorobutadiene	11.086	225	108024	46.750	ng	98
35) Caprolactam	11.668	113	51154m	42.182	ng	
36) 4-Chloro-3-methylphenol	12.032	107	175960	44.986	ng	98
37) 2-Methylnaphthalene	12.408	142	314505	38.457	ng	99
38) 1-Methylnaphthalene	12.626	142	296617	38.393	ng	99
40) 1,2,4,5-Tetrachloroben...	12.773	216	210140	43.240	ng	99
41) Hexachlorocyclopentadiene	12.755	237	227737	92.160	ng	100
43) 2,4,6-Trichlorophenol	13.014	196	149873	47.894	ng	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.084	196	164397	44.022	ng	96
46) 1,1'-Biphenyl	13.419	154	461413	38.644	ng	98
47) 2-Chloronaphthalene	13.460	162	363162	40.032	ng	99
48) 2-Nitroaniline	13.654	65	140616	47.839	ng	98
49) Acenaphthylene	14.306	152	619449	40.639	ng	100
50) Dimethylphthalate	14.042	163	513783	38.453	ng	100
51) 2,6-Dinitrotoluene	14.153	165	105969	44.566	ng	96
52) Acenaphthene	14.647	154	425424m	44.452	ng	
53) 3-Nitroaniline	14.482	138	72416	28.806	ng	# 98
54) 2,4-Dinitrophenol	14.688	184	139471	149.965	ng	88
55) Dibenzofuran	14.982	168	578220	38.303	ng	97
56) 4-Nitrophenol	14.800	139	191101	97.836	ng	95
57) 2,4-Dinitrotoluene	14.941	165	155295	49.710	ng	94
58) Fluorene	15.634	166	477216	39.389	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.205	232	160319	49.261	ng	95
60) Diethylphthalate	15.411	149	517082	38.466	ng	97
61) 4-Chlorophenyl-phenyle...	15.628	204	260722	40.676	ng	95
62) 4-Nitroaniline	15.646	138	116064	47.511	ng	94
63) Azobenzene	15.922	77	483002	36.873	ng	96
65) 4,6-Dinitro-2-methylph...	15.710	198	98504	55.725	ng	99
66) n-Nitrosodiphenylamine	15.840	169	449699	37.614	ng	98
67) 4-Bromophenyl-phenylether	16.521	248	183396	43.193	ng	97
68) Hexachlorobenzene	16.639	284	210548	43.927	ng	98
69) Atrazine	16.791	200	180841	43.255	ng	97
70) Pentachlorophenol	16.979	266	282181	90.225	ng	97
71) Phenanthrene	17.373	178	834311	38.344	ng	99
72) Anthracene	17.467	178	849142	38.427	ng	98
73) Carbazole	17.732	167	749747	38.482	ng	99
74) Di-n-butylphthalate	18.307	149	892080	36.726	ng	100
75) Fluoranthene	19.383	202	1027045	38.899	ng	97
77) Benzidine	19.565	184	213467	21.763	ng	97
78) Pyrene	19.747	202	1046610	40.175	ng	99
80) Butylbenzylphthalate	20.646	149	387855	40.813	ng	97
81) Benzo(a)anthracene	21.574	228	1047080	39.879	ng	98
82) 3,3'-Dichlorobenzidine	21.492	252	254471	28.703	ng	98
83) Chrysene	21.645	228	983556	38.864	ng	99
84) Bis(2-ethylhexyl)phtha...	21.509	149	556119	36.715	ng	# 97
85) Di-n-octyl phthalate	22.702	149	965255	39.118	ng	100
87) Indeno(1,2,3-cd)pyrene	28.301	276	1254237	43.085	ng	97
88) Benzo(b)fluoranthene	23.742	252	1022766	43.065	ng	98
89) Benzo(k)fluoranthene	23.813	252	1007251m	41.437	ng	
90) Benzo(a)pyrene	24.588	252	947974	41.074	ng	98
91) Dibenzo(a,h)anthracene	28.378	278	1032106	42.058	ng	# 96
92) Benzo(g,h,i)perylene	29.418	276	955993	40.047	ng	96

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

