

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042024\
 Data File : BG060984.D
 Acq On : 21 Apr 2024 2:31
 Operator : MA/JU
 Sample : PB160360BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB160360BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024

Quant Time: Apr 22 04:39:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 22 04:22:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	19803	20.000	ng	0.00
21) Naphthalene-d8	10.737	136	77234	20.000	ng	# 0.00
39) Acenaphthene-d10	14.568	164	69134	20.000	ng	0.00
64) Phenanthrene-d10	17.317	188	185383	20.000	ng	0.00
76) Chrysene-d12	21.577	240	195022	20.000	ng	0.00
86) Perylene-d12	24.697	264	229625	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.525	112	143155	146.224	ng	0.00
7) Phenol-d6	7.112	99	204062	140.481	ng	0.00
23) Nitrobenzene-d5	9.092	82	140296	81.614	ng	0.00
42) 2,4,6-Tribromophenol	16.060	330	203408	133.986	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	422675	84.616	ng	0.00
79) Terphenyl-d14	19.938	244	1031525	82.102	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.440	88	11801	34.829	ng	93
3) Pyridine	3.827	79	33511	31.997	ng	95
4) n-Nitrosodimethylamine	3.745	42	38142	40.492	ng	89
6) Aniline	7.265	93	45005	25.779	ng	98
8) 2-Chlorophenol	7.505	128	59249	48.571	ng	94
9) Benzaldehyde	7.071	77	2815	3.768	ng	94
10) Phenol	7.135	94	70108	48.579	ng	96
11) bis(2-Chloroethyl)ether	7.359	93	45035	43.616	ng	98
12) 1,3-Dichlorobenzene	7.829	146	62148	45.942	ng	95
13) 1,4-Dichlorobenzene	7.975	146	62814	45.080	ng	99
14) 1,2-Dichlorobenzene	8.293	146	60526	44.447	ng	97
15) Benzyl Alcohol	8.175	79	60768	44.308	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.457	45	99039	44.063	ng	98
17) 2-Methylphenol	8.381	107	49847	42.776	ng	96
18) Hexachloroethane	9.021	117	22100	44.017	ng	97
19) n-Nitroso-di-n-propyla...	8.739	70	45459	41.993	ng	94
20) 3+4-Methylphenols	8.710	107	69717	42.779	ng	98
22) Acetophenone	8.757	105	90150	41.801	ng	96
24) Nitrobenzene	9.133	77	68968	41.752	ng	96
25) Isophorone	9.656	82	116057	40.342	ng	96
26) 2-Nitrophenol	9.844	139	33333	42.936	ng	97
27) 2,4-Dimethylphenol	9.908	122	44675	35.902	ng	97
28) bis(2-Chloroethoxy)met...	10.143	93	63096	41.693	ng	95
29) 2,4-Dichlorophenol	10.384	162	63691	44.348	ng	99
30) 1,2,4-Trichlorobenzene	10.596	180	70569	44.535	ng	96
31) Naphthalene	10.784	128	179542	42.461	ng	98
32) Benzoic acid	10.044	122	42136	44.442	ng	98
33) 4-Chloroaniline	10.884	127	34269	17.841	ng	97
34) Hexachlorobutadiene	11.072	225	59844	42.944	ng	97
35) Caprolactam	11.653	113	19923m	43.553	ng	
36) 4-Chloro-3-methylphenol	12.018	107	72380	43.212	ng	99
37) 2-Methylnaphthalene	12.394	142	136022	40.914	ng	98
38) 1-Methylnaphthalene	12.611	142	129181	41.639	ng	94
40) 1,2,4,5-Tetrachloroben...	12.764	216	109179	44.439	ng	97
41) Hexachlorocyclopentadiene	12.740	237	141774	98.072	ng	96
43) 2,4,6-Trichlorophenol	12.999	196	73273	45.370	ng	96

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44) 2,4,5-Trichlorophenol	13.075	196	81760	42.797	ng	99
46) 1,1'-Biphenyl	13.404	154	203722	43.747	ng	96
47) 2-Chloronaphthalene	13.445	162	158175	44.300	ng	97
48) 2-Nitroaniline	13.639	65	60020	41.651	ng	92
49) Acenaphthylene	14.292	152	271514	45.152	ng	100
50) Dimethylphthalate	14.027	163	237076	41.586	ng	98
51) 2,6-Dinitrotoluene	14.139	165	49450	41.571	ng	94
52) Acenaphthene	14.632	154	149830	41.006	ng	94
53) 3-Nitroaniline	14.468	138	31145	26.553	ng	97
54) 2,4-Dinitrophenol	14.679	184	69907	89.498	ng	97
55) Dibenzofuran	14.967	168	266421	42.225	ng	98
56) 4-Nitrophenol	14.785	139	82433	98.098	ng	95
57) 2,4-Dinitrotoluene	14.932	165	75649	44.157	ng	98
58) Fluorene	15.619	166	225720	42.384	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.196	232	86784	45.009	ng	99
60) Diethylphthalate	15.396	149	240259	42.794	ng	97
61) 4-Chlorophenyl-phenyle...	15.614	204	137360	41.821	ng	97
62) 4-Nitroaniline	15.631	138	53973	42.675	ng	99
63) Azobenzene	15.907	77	197331	43.213	ng	98
65) 4,6-Dinitro-2-methylph...	15.696	198	51562	45.045	ng	99
66) n-Nitrosodiphenylamine	15.825	169	213098	41.723	ng	100
67) 4-Bromophenyl-phenylether	16.507	248	102497	41.894	ng	97
68) Hexachlorobenzene	16.624	284	122507	45.332	ng	98
69) Atrazine	16.783	200	97163	50.830	ng	99
70) Pentachlorophenol	16.965	266	158457	89.419	ng	98
71) Phenanthrene	17.359	178	402602	42.547	ng	98
72) Anthracene	17.453	178	409681	42.038	ng	99
73) Carbazole	17.717	167	355229	43.889	ng	98
74) Di-n-butylphthalate	18.287	149	416590	42.394	ng	99
75) Fluoranthene	19.368	202	542740	43.219	ng	98
77) Benzidine	19.550	184	152434	42.184	ng	99
78) Pyrene	19.732	202	550673	41.470	ng	99
80) Butylbenzylphthalate	20.631	149	183830	41.534	ng	96
81) Benzo(a)anthracene	21.560	228	593323	43.273	ng	99
82) 3,3'-Dichlorobenzidine	21.477	252	158015	31.889	ng	100
83) Chrysene	21.624	228	563262	43.148	ng	98
84) Bis(2-ethylhexyl)phtha...	21.489	149	267290	41.538	ng	98
85) Di-n-octyl phthalate	22.670	149	461629	43.210	ng	97
87) Indeno(1,2,3-cd)pyrene	28.246	276	734408	46.104	ng	# 97
88) Benzo(b)fluoranthene	23.716	252	592885	45.562	ng	97
89) Benzo(k)fluoranthene	23.780	252	586161	44.622	ng	97
90) Benzo(a)pyrene	24.556	252	545059	43.275	ng	99
91) Dibenzo(a,h)anthracene	28.310	278	599617	46.074	ng	# 97
92) Benzo(g,h,i)perylene	29.350	276	559324	43.345	ng	98

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

