

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051524\
 Data File : BG061199.D
 Acq On : 15 May 2024 9:59
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2024
 Supervised By :mohammad ahmed 05/17/2024

Quant Time: May 15 10:32:29 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed May 01 05:11:25 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	24388	20.000	ng	-0.03
21) Naphthalene-d8	10.725	136	90927	20.000	ng	#-0.03
39) Acenaphthene-d10	14.562	164	76118	20.000	ng	-0.03
64) Phenanthrene-d10	17.311	188	187627	20.000	ng	-0.02
76) Chrysene-d12	21.571	240	190208	20.000	ng	-0.02
86) Perylene-d12	24.691	264	217549	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.519	112	100974	84.203	ng	-0.03
7) Phenol-d6	7.112	99	141882	79.981	ng	-0.02
23) Nitrobenzene-d5	9.086	82	159011	86.691	ng	-0.03
42) 2,4,6-Tribromophenol	16.054	330	112038	73.638	ng	-0.02
45) 2-Fluorobiphenyl	13.181	172	426504	82.855	ng	-0.03
79) Terphenyl-d14	19.926	244	864588	75.598	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.440	88	16724	34.492	ng	96
3) Pyridine	3.827	79	50770	35.584	ng	93
4) n-Nitrosodimethylamine	3.745	42	46418	33.862	ng	91
6) Aniline	7.259	93	66724	37.941	ng	# 94
8) 2-Chlorophenol	7.499	128	57130	38.833	ng	97
9) Benzaldehyde	7.071	77	41275	44.103	ng	92
10) Phenol	7.135	94	70363	39.003	ng	96
11) bis(2-Chloroethyl)ether	7.353	93	48292	38.749	ng	97
12) 1,3-Dichlorobenzene	7.823	146	65900	37.997	ng	94
13) 1,4-Dichlorobenzene	7.970	146	62194m	34.696	ng	
14) 1,2-Dichlorobenzene	8.281	146	66236	38.300	ng	95
15) Benzyl Alcohol	8.169	79	56717	35.443	ng	# 89
16) 2,2'-oxybis(1-Chloropr...	8.451	45	110431	40.836	ng	96
17) 2-Methylphenol	8.381	107	48406	37.652	ng	93
18) Hexachloroethane	9.004	117	25020	39.118	ng	91
19) n-Nitroso-di-n-propyla...	8.733	70	50608	38.121	ng	# 88
20) 3+4-Methylphenols	8.710	107	71438	38.515	ng	98
22) Acetophenone	8.751	105	96798	42.747	ng	# 95
24) Nitrobenzene	9.133	77	77785	43.349	ng	93
25) Isophorone	9.656	82	130251	38.415	ng	97
26) 2-Nitrophenol	9.838	139	33838	39.802	ng	99
27) 2,4-Dimethylphenol	9.903	122	38711	39.495	ng	98
28) bis(2-Chloroethoxy)met...	10.132	93	67992	40.860	ng	97
29) 2,4-Dichlorophenol	10.384	162	59847	38.970	ng	88
30) 1,2,4-Trichlorobenzene	10.590	180	72750	39.315	ng	97
31) Naphthalene	10.778	128	181919	38.496	ng	97
32) Benzoic acid	10.067	122	27657m	24.409	ng	
33) 4-Chloroaniline	10.884	127	71842	38.119	ng	98
34) Hexachlorobutadiene	11.060	225	65010	40.945	ng	97
35) Caprolactam	11.671	113	19081	34.501	ng	94
36) 4-Chloro-3-methylphenol	12.018	107	74407	40.180	ng	97
37) 2-Methylnaphthalene	12.382	142	137082	38.710	ng	96
38) 1-Methylnaphthalene	12.599	142	138777	38.927	ng	95
40) 1,2,4,5-Tetrachloroben...	12.752	216	109429	43.077	ng	98
41) Hexachlorocyclopentadiene	12.729	237	42376	43.576	ng	99
43) 2,4,6-Trichlorophenol	12.999	196	63855	39.154	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.075	196	72898	39.494	ng	94
46) 1,1'-Biphenyl	13.393	154	201351	41.256	ng	100
47) 2-Chloronaphthalene	13.440	162	157821	40.383	ng	95
48) 2-Nitroaniline	13.639	65	59219	40.835	ng	94
49) Acenaphthylene	14.286	152	233562	38.911	ng	97
50) Dimethylphthalate	14.015	163	231041	39.297	ng	99
51) 2,6-Dinitrotoluene	14.139	165	47750	37.970	ng	95
52) Acenaphthene	14.626	154	152243	40.658	ng	97
53) 3-Nitroaniline	14.468	138	45210	39.291	ng	91
54) 2,4-Dinitrophenol	14.685	184	33896	39.182	ng	94
55) Dibenzofuran	14.961	168	240603	38.041	ng	98
56) 4-Nitrophenol	14.803	139	30622	32.930	ng	94
57) 2,4-Dinitrotoluene	14.932	165	73116	39.298	ng	# 99
58) Fluorene	15.613	166	205657	37.577	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.196	232	68151	35.868	ng	97
60) Diethylphthalate	15.378	149	234019	39.472	ng	94
61) 4-Chlorophenyl-phenyle...	15.602	204	125122	38.074	ng	97
62) 4-Nitroaniline	15.631	138	48950	39.224	ng	92
63) Azobenzene	15.896	77	176040	38.143	ng	95
65) 4,6-Dinitro-2-methylph...	15.702	198	45217	38.842	ng	93
66) n-Nitrosodiphenylamine	15.819	169	189017	40.624	ng	90
67) 4-Bromophenyl-phenylether	16.495	248	92070	41.655	ng	95
68) Hexachlorobenzene	16.618	284	107520	39.084	ng	98
69) Atrazine	16.771	200	67583	35.221	ng	89
70) Pentachlorophenol	16.965	266	60231	35.638	ng	97
71) Phenanthrene	17.353	178	335224	39.074	ng	99
72) Anthracene	17.447	178	331919	38.773	ng	98
73) Carbazole	17.711	167	291549	38.735	ng	98
74) Di-n-butylphthalate	18.275	149	355967	39.773	ng	98
75) Fluoranthene	19.368	202	454214	38.646	ng	99
77) Benzidine	19.544	184	137813	38.653	ng	97
78) Pyrene	19.726	202	458666	37.929	ng	98
80) Butylbenzylphthalate	20.619	149	149450	39.043	ng	96
81) Benzo(a)anthracene	21.548	228	463463	37.236	ng	99
82) 3,3'-Dichlorobenzidine	21.465	252	165389	36.923	ng	99
83) Chrysene	21.618	228	436432	37.426	ng	97
84) Bis(2-ethylhexyl)phtha...	21.465	149	197407	39.493	ng	99
85) Di-n-octyl phthalate	22.641	149	333765	37.847	ng	98
87) Indeno(1,2,3-cd)pyrene	28.234	276	570349	39.560	ng	# 97
88) Benzo(b)fluoranthene	23.710	252	467555	38.461	ng	96
89) Benzo(k)fluoranthene	23.769	252	441911	37.786	ng	98
90) Benzo(a)pyrene	24.544	252	419524	39.611	ng	97
91) Dibenzo(a,h)anthracene	28.299	278	465603	38.996	ng	# 98
92) Benzo(g,h,i)perylene	29.350	276	455462	38.387	ng	# 97

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

Manual Integrations

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