

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG043024\
 Data File : BG061066.D
 Acq On : 30 Apr 2024 16:21
 Operator : MA/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

ICVBG043024

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/01/2024

Supervised By :mohammad ahmed 05/03/2024

Quant Time: May 01 05:12:08 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	7.961	152	20551	20.000	ng	0.00
21) Naphthalene-d8	10.757	136	87813	20.000	ng	# 0.00
39) Acenaphthene-d10	14.588	164	77020	20.000	ng	0.00
64) Phenanthrene-d10	17.332	188	205580	20.000	ng	0.00
76) Chrysene-d12	21.592	240	212700	20.000	ng	0.00
86) Perylene-d12	24.717	264	243544	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	97560	96.546	ng	0.00
7) Phenol-d6	7.132	99	133614	89.383	ng	0.00
23) Nitrobenzene-d5	9.118	82	139662	78.842	ng	0.00
42) 2,4,6-Tribromophenol	16.075	330	123155	79.997	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	410877	78.885	ng	0.00
79) Terphenyl-d14	19.947	244	1002676	78.401	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.466	88	16759	41.018	ng	97
3) Pyridine	3.860	79	49264	40.975	ng	93
4) n-Nitrosodimethylamine	3.771	42	48163	41.695	ng	# 98
6) Aniline	7.285	93	63431	42.803	ng	# 95
8) 2-Chlorophenol	7.532	128	48367	39.014	ng	98
9) Benzaldehyde	7.103	77	37708	49.150	ng	97
10) Phenol	7.156	94	69001	45.390	ng	90
11) bis(2-Chloroethyl)ether	7.385	93	40584	38.644	ng	99
12) 1,3-Dichlorobenzene	7.855	146	56410	38.598	ng	96
13) 1,4-Dichlorobenzene	7.996	146	57970	38.378	ng	90
14) 1,2-Dichlorobenzene	8.319	146	57551	39.491	ng	92
15) Benzyl Alcohol	8.196	79	51574	38.246	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.489	45	92154	40.439	ng	96
17) 2-Methylphenol	8.401	107	43199	39.876	ng	95
18) Hexachloroethane	9.042	117	21052	39.059	ng	93
19) n-Nitroso-di-n-propyla...	8.766	70	42114	37.645	ng	95
20) 3+4-Methylphenols	8.730	107	61634	39.434	ng	98
22) Acetophenone	8.777	105	85908	39.283	ng	96
24) Nitrobenzene	9.159	77	69594	40.160	ng	96
25) Isophorone	9.682	82	124974	38.166	ng	97
26) 2-Nitrophenol	9.870	139	31898	38.851	ng	99
27) 2,4-Dimethylphenol	9.935	122	36457	38.514	ng	99
28) bis(2-Chloroethoxy)met...	10.164	93	62681	39.004	ng	94
29) 2,4-Dichlorophenol	10.405	162	57653	38.872	ng	99
30) 1,2,4-Trichlorobenzene	10.622	180	71339	39.920	ng	97
31) Naphthalene	10.804	128	180723	39.599	ng	99
32) Benzoic acid	10.070	122	45800m	41.855	ng	
33) 4-Chloroaniline	10.916	127	69764	38.329	ng	95
34) Hexachlorobutadiene	11.098	225	61421	40.056	ng	96
35) Caprolactam	11.686	113	20399	38.192	ng	# 78
36) 4-Chloro-3-methylphenol	12.044	107	66529	37.200	ng	98
37) 2-Methylnaphthalene	12.414	142	134922	39.451	ng	94
38) 1-Methylnaphthalene	12.632	142	130476	37.897	ng	96
40) 1,2,4,5-Tetrachloroben...	12.778	216	104163	40.524	ng	97
41) Hexachlorocyclopentadiene	12.761	237	41510	42.186	ng	93
43) 2,4,6-Trichlorophenol	13.019	196	65157	39.484	ng	90

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44) 2,4,5-Trichlorophenol	13.096	196	75850	40.612	ng	98
46) 1,1'-Biphenyl	13.419	154	194114	39.307	ng	98
47) 2-Chloronaphthalene	13.460	162	155952	39.437	ng	98
48) 2-Nitroaniline	13.660	65	57917	39.469	ng	97
49) Acenaphthylene	14.312	152	239965	39.510	ng	98
50) Dimethylphthalate	14.042	163	233074	39.179	ng	99
51) 2,6-Dinitrotoluene	14.159	165	50210	39.459	ng	96
52) Acenaphthene	14.653	154	149588	39.481	ng	96
53) 3-Nitroaniline	14.488	138	46471	39.914	ng	88
54) 2,4-Dinitrophenol	14.694	184	35199	40.154	ng	97
55) Dibenzofuran	14.982	168	247562	38.683	ng	99
56) 4-Nitrophenol	14.806	139	39669	42.159	ng	97
57) 2,4-Dinitrotoluene	14.947	165	76016	40.379	ng	# 95
58) Fluorene	15.634	166	219820	39.694	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.211	232	76903	40.000	ng	100
60) Diethylphthalate	15.405	149	233678	38.952	ng	97
61) 4-Chlorophenyl-phenyle...	15.628	204	128360	38.602	ng	99
62) 4-Nitroaniline	15.652	138	52107	41.264	ng	94
63) Azobenzene	15.922	77	184118	39.426	ng	99
65) 4,6-Dinitro-2-methylph...	15.716	198	52133	40.872	ng	94
66) n-Nitrosodiphenylamine	15.840	169	200098	39.250	ng	97
67) 4-Bromophenyl-phenylether	16.521	248	95515	39.440	ng	95
68) Hexachlorobenzene	16.639	284	118026	39.156	ng	98
69) Atrazine	16.791	200	83286	39.614	ng	96
70) Pentachlorophenol	16.985	266	75016	40.510	ng	95
71) Phenanthrene	17.373	178	374215	39.810	ng	99
72) Anthracene	17.467	178	369096	39.351	ng	98
73) Carbazole	17.732	167	328858	39.876	ng	99
74) Di-n-butylphthalate	18.296	149	392937	40.070	ng	99
75) Fluoranthene	19.383	202	513990	39.913	ng	100
77) Benzidine	19.565	184	151694	38.091	ng	97
78) Pyrene	19.747	202	524906	38.817	ng	99
80) Butylbenzylphthalate	20.640	149	166977	39.009	ng	96
81) Benzo(a)anthracene	21.568	228	539536	38.764	ng	99
82) 3,3'-Dichlorobenzidine	21.486	252	193503	38.631	ng	99
83) Chrysene	21.633	228	504052	38.653	ng	98
84) Bis(2-ethylhexyl)phtha...	21.492	149	218049	39.010	ng	98
85) Di-n-octyl phthalate	22.679	149	392764	39.827	ng	99
87) Indeno(1,2,3-cd)pyrene	28.284	276	631713	39.139	ng	99
88) Benzo(b)fluoranthene	23.736	252	539124	39.614	ng	100
89) Benzo(k)fluoranthene	23.801	252	514597	39.304	ng	99
90) Benzo(a)pyrene	24.576	252	462702	39.025	ng	99
91) Dibenzo(a,h)anthracene	28.348	278	520334	38.929	ng	98
92) Benzo(g,h,i)perylene	29.388	276	518367	39.026	ng	98

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

