

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090324\
 Data File : BG062628.D
 Acq On : 3 Sep 2024 16:30
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/04/2024
 Supervised By :mohammad ahmed 09/06/2024

Quant Time: Sep 04 04:31:54 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Aug 31 02:36:01 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.924	152	67578	20.000	ng	0.00
21) Naphthalene-d8	10.715	136	296374	20.000	ng	0.00
39) Acenaphthene-d10	14.546	164	237494	20.000	ng	0.00
64) Phenanthrene-d10	17.290	188	604143	20.000	ng	0.00
76) Chrysene-d12	21.538	240	585358	20.000	ng	0.00
86) Perylene-d12	24.605	264	676672	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	313595	80.213	ng	0.00
7) Phenol-d6	7.090	99	451132	79.876	ng	0.00
23) Nitrobenzene-d5	9.076	82	459704	83.536	ng	0.00
42) 2,4,6-Tribromophenol	16.033	330	279715	83.690	ng	0.00
45) 2-Fluorobiphenyl	13.171	172	1211404	82.622	ng	0.00
79) Terphenyl-d14	19.910	244	2278307	77.175	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.412	88	61772	37.928	ng	98
3) Pyridine	3.800	79	184303m	39.275	ng	
4) n-Nitrosodimethylamine	3.718	42	89898	39.405	ng	96
6) Aniline	7.249	93	202549	38.385	ng	97
8) 2-Chlorophenol	7.490	128	164851	39.275	ng	94
9) Benzaldehyde	7.061	77	138345	42.110	ng	96
10) Phenol	7.114	94	225751	39.483	ng	97
11) bis(2-Chloroethyl)ether	7.343	93	171668	39.215	ng	98
12) 1,3-Dichlorobenzene	7.813	146	178886	38.837	ng	98
13) 1,4-Dichlorobenzene	7.960	146	184429	38.907	ng	98
14) 1,2-Dichlorobenzene	8.277	146	182306	39.127	ng	98
15) Benzyl Alcohol	8.159	79	168293	40.272	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.453	45	305167	36.577	ng	98
17) 2-Methylphenol	8.359	107	155267	38.958	ng	99
18) Hexachloroethane	9.000	117	68330	38.444	ng	90
19) n-Nitroso-di-n-propyla...	8.723	70	166641	37.444	ng	99
20) 3+4-Methylphenols	8.688	107	223063	37.937	ng	94
22) Acetophenone	8.735	105	311747	38.991	ng	96
24) Nitrobenzene	9.117	77	238713	40.797	ng	98
25) Isophorone	9.640	82	467675	38.715	ng	99
26) 2-Nitrophenol	9.828	139	95705	43.289	ng	95
27) 2,4-Dimethylphenol	9.887	122	130974	40.431	ng	96
28) bis(2-Chloroethoxy)met...	10.122	93	263588	40.761	ng	99
29) 2,4-Dichlorophenol	10.363	162	191236	42.222	ng	98
30) 1,2,4-Trichlorobenzene	10.580	180	218223	40.643	ng	98
31) Naphthalene	10.762	128	590873	40.223	ng	99
32) Benzoic acid	10.028	122	140177	40.234	ng	92
33) 4-Chloroaniline	10.868	127	232921	40.291	ng	98
34) Hexachlorobutadiene	11.050	225	154967	41.323	ng	96
35) Caprolactam	11.638	113	68324	39.130	ng	97
36) 4-Chloro-3-methylphenol	11.996	107	216464	39.621	ng	98
37) 2-Methylnaphthalene	12.372	142	454692	39.907	ng	96
38) 1-Methylnaphthalene	12.590	142	456272	39.882	ng	99
40) 1,2,4,5-Tetrachloroben...	12.742	216	303005	42.425	ng	98
41) Hexachlorocyclopentadiene	12.725	237	91022	44.667	ng	97
43) 2,4,6-Trichlorophenol	12.977	196	192085	42.424	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.054	196	215770	42.081	ng	98
46) 1,1'-Biphenyl	13.383	154	645630	40.749	ng	99
47) 2-Chloronaphthalene	13.424	162	525319	40.910	ng	99
48) 2-Nitroaniline	13.624	65	147130	43.563	ng	98
49) Acenaphthylene	14.270	152	786636	41.367	ng	97
50) Dimethylphthalate	14.006	163	694625	39.999	ng	98
51) 2,6-Dinitrotoluene	14.117	165	145834	44.397	ng	96
52) Acenaphthene	14.611	154	485387	40.832	ng	99
53) 3-Nitroaniline	14.446	138	137013	43.108	ng	97
54) 2,4-Dinitrophenol	14.652	184	79007	42.860	ng	97
55) Dibenzofuran	14.946	168	827937	40.612	ng	97
56) 4-Nitrophenol	14.758	139	115244	42.784	ng	94
57) 2,4-Dinitrotoluene	14.905	165	200486	44.733	ng	# 95
58) Fluorene	15.592	166	644319	40.272	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.169	232	200014	41.177	ng	98
60) Diethylphthalate	15.369	149	682775	39.668	ng	100
61) 4-Chlorophenyl-phenyle...	15.592	204	373818	40.699	ng	97
62) 4-Nitroaniline	15.610	138	147219	42.008	ng	96
63) Azobenzene	15.880	77	636681	39.393	ng	99
65) 4,6-Dinitro-2-methylph...	15.668	198	115652	42.896	ng	96
66) n-Nitrosodiphenylamine	15.803	169	584439	40.237	ng	99
67) 4-Bromophenyl-phenylether	16.479	248	259004	41.539	ng	97
68) Hexachlorobenzene	16.597	284	304142	41.188	ng	99
69) Atrazine	16.749	200	163698	33.181	ng	97
70) Pentachlorophenol	16.943	266	194295	41.081	ng	99
71) Phenanthrene	17.331	178	1133397	40.193	ng	99
72) Anthracene	17.425	178	1116013	40.252	ng	99
73) Carbazole	17.689	167	1009949	39.625	ng	99
74) Di-n-butylphthalate	18.254	149	1143398	39.778	ng	100
75) Fluoranthene	19.346	202	1416424	39.715	ng	98
77) Benzidine	19.528	184	540234	51.205	ng	99
78) Pyrene	19.705	202	1476762	39.688	ng	99
80) Butylbenzylphthalate	20.598	149	436735	39.960	ng	97
81) Benzo(a)anthracene	21.520	228	1483977	40.195	ng	99
82) 3,3'-Dichlorobenzidine	21.438	252	487018	40.493	ng	100
83) Chrysene	21.579	228	1434514	40.564	ng	99
84) Bis(2-ethylhexyl)phtha...	21.438	149	661500	39.840	ng	97
85) Di-n-octyl phthalate	22.601	149	1146933	39.451	ng	100
87) Indeno(1,2,3-cd)pyrene	28.083	276	1753447	40.412	ng	98
88) Benzo(b)fluoranthene	23.641	252	1508075	40.350	ng	98
89) Benzo(k)fluoranthene	23.706	252	1484205	40.596	ng	99
90) Benzo(a)pyrene	24.464	252	1327711	40.211	ng	98
91) Dibenzo(a,h)anthracene	28.136	278	1453551	40.666	ng	98
92) Benzo(g,h,i)perylene	29.164	276	1462900	40.588	ng	98

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

