

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051424\
 Data File : BG061183.D
 Acq On : 14 May 2024 9:55
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024
 Supervised By :mohammad ahmed 05/17/2024

Quant Time: May 14 10:29:29 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	7.930	152	22794	20.000	ng	#-0.03
21) Naphthalene-d8	10.727	136	91868	20.000	ng	-0.03
39) Acenaphthene-d10	14.564	164	74486	20.000	ng	-0.03
64) Phenanthrene-d10	17.307	188	189730	20.000	ng	-0.03
76) Chrysene-d12	21.567	240	188864	20.000	ng	-0.03
86) Perylene-d12	24.693	264	222925	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.521	112	95957	85.615	ng	-0.03
7) Phenol-d6	7.108	99	135556	81.758	ng	-0.03
23) Nitrobenzene-d5	9.088	82	148257	80.000	ng	-0.03
42) 2,4,6-Tribromophenol	16.056	330	106983	71.856	ng	-0.02
45) 2-Fluorobiphenyl	13.177	172	423895	84.153	ng	-0.03
79) Terphenyl-d14	19.928	244	869015	76.526	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.436	88	16956	37.416	ng	96
3) Pyridine	3.829	79	50148	37.606	ng	96
4) n-Nitrosodimethylamine	3.741	42	45708	35.676	ng	# 88
6) Aniline	7.255	93	63750	38.785	ng	96
8) 2-Chlorophenol	7.501	128	51242	37.266	ng	95
9) Benzaldehyde	7.072	77	36406	40.899	ng	93
10) Phenol	7.131	94	66374	39.365	ng	88
11) bis(2-Chloroethyl)ether	7.354	93	44850	38.504	ng	90
12) 1,3-Dichlorobenzene	7.824	146	62426	38.511	ng	94
13) 1,4-Dichlorobenzene	7.965	146	64399	38.439	ng	98
14) 1,2-Dichlorobenzene	8.283	146	60804	37.618	ng	96
15) Benzyl Alcohol	8.171	79	54287	36.296	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.453	45	102304	40.476	ng	98
17) 2-Methylphenol	8.377	107	45926	38.221	ng	93
18) Hexachloroethane	9.005	117	22965	38.416	ng	96
19) n-Nitroso-di-n-propyla...	8.729	70	47849	38.563	ng	91
20) 3+4-Methylphenols	8.706	107	64368	37.130	ng	96
22) Acetophenone	8.747	105	91519	40.002	ng	# 99
24) Nitrobenzene	9.129	77	72913	40.218	ng	96
25) Isophorone	9.652	82	128278	37.446	ng	99
26) 2-Nitrophenol	9.840	139	33386	38.868	ng	99
27) 2,4-Dimethylphenol	9.904	122	37721	38.091	ng	96
28) bis(2-Chloroethoxy)met...	10.134	93	66144	39.342	ng	99
29) 2,4-Dichlorophenol	10.386	162	58146	37.474	ng	97
30) 1,2,4-Trichlorobenzene	10.592	180	71129	38.045	ng	99
31) Naphthalene	10.774	128	181132	37.937	ng	99
32) Benzoic acid	10.063	122	28944m	25.283	ng	
33) 4-Chloroaniline	10.886	127	70499	37.023	ng	96
34) Hexachlorobutadiene	11.062	225	63168	39.377	ng	96
35) Caprolactam	11.661	113	19562	35.009	ng	# 89
36) 4-Chloro-3-methylphenol	12.020	107	68893	36.821	ng	94
37) 2-Methylnaphthalene	12.384	142	132360	36.994	ng	99
38) 1-Methylnaphthalene	12.601	142	133089	36.949	ng	93
40) 1,2,4,5-Tetrachloroben...	12.754	216	105398	42.400	ng	100
41) Hexachlorocyclopentadiene	12.730	237	45129	47.424	ng	97
43) 2,4,6-Trichlorophenol	12.995	196	61221	38.361	ng	97

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44) 2,4,5-Trichlorophenol	13.077	196	70740	39.165	ng	96
46) 1,1'-Biphenyl	13.394	154	193835	40.586	ng	95
47) 2-Chloronaphthalene	13.436	162	154769	40.470	ng	97
48) 2-Nitroaniline	13.641	65	58968	41.552	ng	93
49) Acenaphthylene	14.282	152	234163	39.866	ng	99
50) Dimethylphthalate	14.017	163	224436	39.010	ng	99
51) 2,6-Dinitrotoluene	14.135	165	50008	40.637	ng	97
52) Acenaphthene	14.628	154	141052	38.495	ng	99
53) 3-Nitroaniline	14.470	138	43110	38.286	ng #	90
54) 2,4-Dinitrophenol	14.681	184	33461	39.507	ng	98
55) Dibenzofuran	14.963	168	238856	38.593	ng	94
56) 4-Nitrophenol	14.799	139	29123	32.004	ng	90
57) 2,4-Dinitrotoluene	14.928	165	71275	39.148	ng	96
58) Fluorene	15.609	166	206496	38.557	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.192	232	67755	36.441	ng	98
60) Diethylphthalate	15.380	149	217206	37.438	ng	99
61) 4-Chlorophenyl-phenyle...	15.604	204	121109	37.661	ng	99
62) 4-Nitroaniline	15.633	138	46686	38.229	ng	94
63) Azobenzene	15.897	77	178470	39.517	ng	96
65) 4,6-Dinitro-2-methylph...	15.698	198	45130	38.337	ng	94
66) n-Nitrosodiphenylamine	15.821	169	186701	39.682	ng	99
67) 4-Bromophenyl-phenylether	16.497	248	91833	41.088	ng	95
68) Hexachlorobenzene	16.620	284	109050	39.200	ng	97
69) Atrazine	16.773	200	72504	37.367	ng	94
70) Pentachlorophenol	16.967	266	62731	36.706	ng	95
71) Phenanthrene	17.354	178	340764	39.280	ng	99
72) Anthracene	17.443	178	342194	39.531	ng	100
73) Carbazole	17.713	167	302862	39.792	ng	98
74) Di-n-butylphthalate	18.277	149	360222	39.802	ng	99
75) Fluoranthene	19.364	202	466083	39.216	ng	99
77) Benzidine	19.546	184	149531	41.979	ng	100
78) Pyrene	19.728	202	472808	39.377	ng	99
80) Butylbenzylphthalate	20.615	149	148978	39.196	ng	99
81) Benzo(a)anthracene	21.550	228	479294	38.782	ng	99
82) 3,3'-Dichlorobenzidine	21.467	252	169059	38.011	ng	99
83) Chrysene	21.614	228	444868	38.420	ng	99
84) Bis(2-ethylhexyl)phtha...	21.461	149	204038	41.110	ng	98
85) Di-n-octyl phthalate	22.642	149	339169	38.733	ng	98
87) Indeno(1,2,3-cd)pyrene	28.253	276	578528	39.159	ng	99
88) Benzo(b)fluoranthene	23.706	252	471281m	37.832	ng	
89) Benzo(k)fluoranthene	23.770	252	455667	38.022	ng	99
90) Benzo(a)pyrene	24.546	252	416680	38.394	ng	99
91) Dibenzo(a,h)anthracene	28.295	278	475200	38.840	ng #	98
92) Benzo(g,h,i)perylene	29.340	276	474912	39.061	ng	99

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

