

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090324\
 Data File : BG062618.D
 Acq On : 3 Sep 2024 9:49
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

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

Quant Time: Sep 04 04:25:25 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	7.919	152	62402	20.000	ng	0.00
21) Naphthalene-d8	10.715	136	286972	20.000	ng	0.00
39) Acenaphthene-d10	14.546	164	235651	20.000	ng	0.00
64) Phenanthrene-d10	17.290	188	598606	20.000	ng	0.00
76) Chrysene-d12	21.538	240	579334	20.000	ng	0.00
86) Perylene-d12	24.611	264	652679	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	298749	82.754	ng	0.00
7) Phenol-d6	7.090	99	436853	83.764	ng	0.00
23) Nitrobenzene-d5	9.076	82	449222	84.306	ng	0.00
42) 2,4,6-Tribromophenol	16.033	330	275761	83.152	ng	0.00
45) 2-Fluorobiphenyl	13.171	172	1200807	82.540	ng	0.00
79) Terphenyl-d14	19.910	244	2265840	77.551	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.406	88	62376	41.475	ng	97
3) Pyridine	3.800	79	185863m	42.893	ng	
4) n-Nitrosodimethylamine	3.712	42	93429	44.350	ng	94
6) Aniline	7.243	93	201114	41.275	ng	98
8) 2-Chlorophenol	7.490	128	158072	40.784	ng	98
9) Benzaldehyde	7.061	77	126025	41.542	ng	99
10) Phenol	7.114	94	220869	41.833	ng	98
11) bis(2-Chloroethyl)ether	7.343	93	166274	41.134	ng	98
12) 1,3-Dichlorobenzene	7.813	146	177597	41.755	ng	97
13) 1,4-Dichlorobenzene	7.954	146	178654	40.815	ng	98
14) 1,2-Dichlorobenzene	8.277	146	180639	41.985	ng	95
15) Benzyl Alcohol	8.154	79	161824	41.936	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.447	45	307060	39.856	ng	99
17) 2-Methylphenol	8.359	107	159094	43.229	ng	96
18) Hexachloroethane	9.000	117	65425	39.863	ng	93
19) n-Nitroso-di-n-propyla...	8.724	70	162507	39.544	ng	97
20) 3+4-Methylphenols	8.688	107	220743	40.656	ng	99
22) Acetophenone	8.735	105	304357	39.314	ng	99
24) Nitrobenzene	9.117	77	238837	42.156	ng	98
25) Isophorone	9.640	82	462841	39.570	ng	99
26) 2-Nitrophenol	9.828	139	81973	38.292	ng	95
27) 2,4-Dimethylphenol	9.887	122	121991	38.892	ng	96
28) bis(2-Chloroethoxy)met...	10.122	93	247116	39.466	ng	100
29) 2,4-Dichlorophenol	10.363	162	180702	41.203	ng	95
30) 1,2,4-Trichlorobenzene	10.580	180	211078	40.600	ng	98
31) Naphthalene	10.762	128	582142	40.927	ng	100
32) Benzoic acid	10.028	122	121870m	36.125	ng	
33) 4-Chloroaniline	10.868	127	236166	42.191	ng	96
34) Hexachlorobutadiene	11.050	225	151829	41.813	ng	98
35) Caprolactam	11.644	113	66493	39.329	ng	96
36) 4-Chloro-3-methylphenol	11.996	107	218269	41.261	ng	97
37) 2-Methylnaphthalene	12.372	142	452173	40.986	ng	97
38) 1-Methylnaphthalene	12.590	142	453367	40.926	ng	98
40) 1,2,4,5-Tetrachloroben...	12.736	216	289508	40.852	ng	99
41) Hexachlorocyclopentadiene	12.719	237	80306	39.717	ng	98
43) 2,4,6-Trichlorophenol	12.977	196	187623	41.763	ng	95

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44) 2,4,5-Trichlorophenol	13.054	196	211816	41.633	ng	98
46) 1,1'-Biphenyl	13.377	154	643181	40.912	ng	98
47) 2-Chloronaphthalene	13.424	162	519373	40.763	ng	98
48) 2-Nitroaniline	13.618	65	139368	41.588	ng	94
49) Acenaphthylene	14.270	152	766679	40.633	ng	99
50) Dimethylphthalate	14.000	163	675602	39.208	ng	99
51) 2,6-Dinitrotoluene	14.117	165	140098	42.984	ng	99
52) Acenaphthene	14.611	154	479572	40.658	ng	97
53) 3-Nitroaniline	14.446	138	135540	42.978	ng	98
54) 2,4-Dinitrophenol	14.652	184	75009	41.009	ng	92
55) Dibenzofuran	14.946	168	831271	41.095	ng	97
56) 4-Nitrophenol	14.758	139	114557	42.862	ng	95
57) 2,4-Dinitrotoluene	14.905	165	191854	43.142	ng	98
58) Fluorene	15.592	166	661873	41.692	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.169	232	200662	41.634	ng	98
60) Diethylphthalate	15.369	149	696434	40.778	ng	99
61) 4-Chlorophenyl-phenyle...	15.586	204	381104	41.817	ng	99
62) 4-Nitroaniline	15.610	138	152012	43.715	ng	97
63) Azobenzene	15.880	77	652773	40.704	ng	99
65) 4,6-Dinitro-2-methylph...	15.668	198	110498	41.364	ng	95
66) n-Nitrosodiphenylamine	15.803	169	597840	41.540	ng	99
67) 4-Bromophenyl-phenylether	16.479	248	257710	41.714	ng	98
68) Hexachlorobenzene	16.597	284	302894	41.399	ng	96
69) Atrazine	16.749	200	169800	34.736	ng	99
70) Pentachlorophenol	16.943	266	189425	40.422	ng	99
71) Phenanthrene	17.331	178	1133997	40.586	ng	99
72) Anthracene	17.425	178	1123140	40.884	ng	99
73) Carbazole	17.689	167	1017742	40.300	ng	99
74) Di-n-butylphthalate	18.254	149	1129211	39.648	ng	98
75) Fluoranthene	19.346	202	1422582	40.257	ng	99
77) Benzidine	19.529	184	566983	54.299	ng	99
78) Pyrene	19.705	202	1476332	40.089	ng	100
80) Butylbenzylphthalate	20.598	149	405818	37.517	ng	97
81) Benzo(a)anthracene	21.520	228	1471944	40.283	ng	99
82) 3,3'-Dichlorobenzidine	21.438	252	474985	39.903	ng	98
83) Chrysene	21.585	228	1417768	40.508	ng	99
84) Bis(2-ethylhexyl)phtha...	21.438	149	628029	38.217	ng	98
85) Di-n-octyl phthalate	22.601	149	1070717	37.213	ng	100
87) Indeno(1,2,3-cd)pyrene	28.077	276	1702398	40.678	ng	99
88) Benzo(b)fluoranthene	23.641	252	1470160	40.781	ng	99
89) Benzo(k)fluoranthene	23.706	252	1458632	41.363	ng	99
90) Benzo(a)pyrene	24.464	252	1286725	40.402	ng	99
91) Dibenzo(a,h)anthracene	28.142	278	1419209	41.165	ng	97
92) Benzo(g,h,i)perylene	29.164	276	1424599	40.979	ng	99

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

