

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090624\
 Data File : BG062673.D
 Acq On : 6 Sep 2024 9:14
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/07/2024

Supervised By :mohammad ahmed 09/07/2024

Quant Time: Sep 06 11:01:00 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	7.920	152	61565	20.000	ng	0.00
21) Naphthalene-d8	10.717	136	263264	20.000	ng	0.00
39) Acenaphthene-d10	14.548	164	219918	20.000	ng	0.00
64) Phenanthrene-d10	17.292	188	581480	20.000	ng	0.00
76) Chrysene-d12	21.539	240	602824	20.000	ng	0.00
86) Perylene-d12	24.606	264	683538	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	272631	76.546	ng	0.00
7) Phenol-d6	7.086	99	387556	75.322	ng	0.00
23) Nitrobenzene-d5	9.078	82	394640	80.732	ng	0.00
42) 2,4,6-Tribromophenol	16.034	330	266449	86.092	ng	0.00
45) 2-Fluorobiphenyl	13.173	172	1015862	74.823	ng	0.00
79) Terphenyl-d14	19.912	244	2239511	73.663	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.408	88	60084	40.494	ng	99
3) Pyridine	3.801	79	172398	40.326	ng	96
4) n-Nitrosodimethylamine	3.713	42	84484	40.649	ng	100
6) Aniline	7.244	93	178415	37.114	ng	96
8) 2-Chlorophenol	7.485	128	147390	38.545	ng	97
9) Benzaldehyde	7.056	77	123033	41.107	ng	96
10) Phenol	7.115	94	198709	38.148	ng	97
11) bis(2-Chloroethyl)ether	7.344	93	150553	37.751	ng	98
12) 1,3-Dichlorobenzene	7.814	146	162972	38.838	ng	99
13) 1,4-Dichlorobenzene	7.955	146	166146	38.474	ng	99
14) 1,2-Dichlorobenzene	8.273	146	166693	39.270	ng	99
15) Benzyl Alcohol	8.155	79	146417	38.459	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.449	45	261784	34.442	ng	98
17) 2-Methylphenol	8.361	107	137704	37.925	ng	97
18) Hexachloroethane	9.001	117	59116	36.508	ng	92
19) n-Nitroso-di-n-propyla...	8.719	70	140662	34.694	ng	98
20) 3+4-Methylphenols	8.690	107	194236	36.261	ng	97
22) Acetophenone	8.737	105	264955	37.306	ng	# 98
24) Nitrobenzene	9.119	77	203367	39.128	ng	100
25) Isophorone	9.636	82	363703	33.895	ng	97
26) 2-Nitrophenol	9.830	139	73736	37.547	ng	96
27) 2,4-Dimethylphenol	9.888	122	104309	36.250	ng	97
28) bis(2-Chloroethoxy)met...	10.123	93	211437	36.809	ng	100
29) 2,4-Dichlorophenol	10.358	162	160510	39.895	ng	95
30) 1,2,4-Trichlorobenzene	10.576	180	193016	40.469	ng	98
31) Naphthalene	10.764	128	509656	39.058	ng	99
32) Benzoic acid	10.024	122	110564m	35.725	ng	
33) 4-Chloroaniline	10.870	127	202301	39.395	ng	94
34) Hexachlorobutadiene	11.052	225	139633	41.917	ng	99
35) Caprolactam	11.633	113	62011	39.981	ng	# 91
36) 4-Chloro-3-methylphenol	11.992	107	189010	38.947	ng	98
37) 2-Methylnaphthalene	12.374	142	382990	37.842	ng	98
38) 1-Methylnaphthalene	12.591	142	379735	37.366	ng	100
40) 1,2,4,5-Tetrachloroben...	12.738	216	254587	38.494	ng	99
41) Hexachlorocyclopentadiene	12.720	237	76569	40.578	ng	97
43) 2,4,6-Trichlorophenol	12.979	196	161604	38.545	ng	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.049	196	186282	39.233	ng	99
46) 1,1'-Biphenyl	13.378	154	544401	37.106	ng	100
47) 2-Chloronaphthalene	13.425	162	450733	37.906	ng	97
48) 2-Nitroaniline	13.625	65	132321	42.310	ng	95
49) Acenaphthylene	14.272	152	690185	39.196	ng	98
50) Dimethylphthalate	14.001	163	612719	38.102	ng	100
51) 2,6-Dinitrotoluene	14.119	165	132605	43.596	ng	95
52) Acenaphthene	14.612	154	430933	39.148	ng	99
53) 3-Nitroaniline	14.448	138	129189	43.895	ng	100
54) 2,4-Dinitrophenol	14.653	184	71556	41.920	ng	92
55) Dibenzofuran	14.947	168	740269	39.214	ng	97
56) 4-Nitrophenol	14.759	139	110839	44.437	ng	94
57) 2,4-Dinitrotoluene	14.906	165	190653	45.939	ng	99
58) Fluorene	15.594	166	600156	40.509	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.170	232	187639	41.717	ng	95
60) Diethylphthalate	15.364	149	624289	39.169	ng	98
61) 4-Chlorophenyl-phenyle...	15.588	204	343040	40.333	ng	96
62) 4-Nitroaniline	15.611	138	143232	44.136	ng	97
63) Azobenzene	15.881	77	579786	38.740	ng	98
65) 4,6-Dinitro-2-methylph...	15.670	198	109507	42.200	ng	96
66) n-Nitrosodiphenylamine	15.799	169	542751	38.823	ng	99
67) 4-Bromophenyl-phenylether	16.481	248	238395	39.724	ng	97
68) Hexachlorobenzene	16.598	284	285400	40.156	ng	97
69) Atrazine	16.751	200	194622	40.987	ng	99
70) Pentachlorophenol	16.939	266	183231	40.252	ng	98
71) Phenanthrene	17.333	178	1057015	38.945	ng	100
72) Anthracene	17.427	178	1046193	39.205	ng	99
73) Carbazole	17.691	167	968886	39.495	ng	99
74) Di-n-butylphthalate	18.255	149	1076342	38.905	ng	99
75) Fluoranthene	19.342	202	1389329	40.474	ng	99
77) Benzidine	19.524	184	482028	44.364	ng	99
78) Pyrene	19.706	202	1444028	37.684	ng	100
80) Butylbenzylphthalate	20.599	149	401843	35.702	ng	99
81) Benzo(a)anthracene	21.516	228	1463842	38.500	ng	99
82) 3,3'-Dichlorobenzidine	21.440	252	478403	38.624	ng	99
83) Chrysene	21.581	228	1420382	39.001	ng	99
84) Bis(2-ethylhexyl)phtha...	21.440	149	618511	36.172	ng	# 96
85) Di-n-octyl phthalate	22.597	149	1045386	34.917	ng	99
87) Indeno(1,2,3-cd)pyrene	28.073	276	1743781	39.785	ng	98
88) Benzo(b)fluoranthene	23.637	252	1478005	39.148	ng	99
89) Benzo(k)fluoranthene	23.702	252	1452256	39.323	ng	99
90) Benzo(a)pyrene	24.465	252	1304790	39.120	ng	100
91) Dibenzo(a,h)anthracene	28.132	278	1463492	40.533	ng	98
92) Benzo(g,h,i)perylene	29.166	276	1463276	40.191	ng	99

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

