

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082923\
 Data File : BG058883.D
 Acq On : 29 Aug 2023 11:38
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/30/2023

Supervised By :mohammad ahmed 08/30/2023

Quant Time: Aug 29 14:28:08 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Aug 29 14:27:28 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.789	152	30768	20.000	ng	0.00
21) Naphthalene-d8	10.592	136	126368	20.000	ng	0.00
39) Acenaphthene-d10	14.440	164	87832	20.000	ng	0.00
64) Phenanthrene-d10	17.184	188	201864	20.000	ng	0.00
76) Chrysene-d12	21.426	240	174056	20.000	ng	0.00
86) Perylene-d12	24.469	264	216383	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.356	112	160717	84.060	ng	0.00
7) Phenol-d6	6.966	99	225235	83.965	ng	0.00
23) Nitrobenzene-d5	8.958	82	210332	80.022	ng	0.00
42) 2,4,6-Tribromophenol	15.932	330	116719	84.752	ng	0.00
45) 2-Fluorobiphenyl	13.059	172	473050	78.335	ng	0.00
79) Terphenyl-d14	19.804	244	769381	79.371	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.241	88	32868	36.565	ng	94
3) Pyridine	3.641	79	94915	39.958	ng	# 89
4) n-Nitrosodimethylamine	3.564	42	55593	43.049	ng	95
6) Aniline	7.119	93	135050	41.185	ng	97
8) 2-Chlorophenol	7.354	128	81228	42.018	ng	97
9) Benzaldehyde	6.931	77	58169m	38.659	ng	
10) Phenol	6.996	94	108043	41.770	ng	97
11) bis(2-Chloroethyl)ether	7.213	93	81179	40.221	ng	98
12) 1,3-Dichlorobenzene	7.677	146	85451	41.614	ng	99
13) 1,4-Dichlorobenzene	7.824	146	86088	41.459	ng	96
14) 1,2-Dichlorobenzene	8.141	146	81625	40.671	ng	97
15) Benzyl Alcohol	8.036	79	83608	43.593	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.318	45	183361	42.629	ng	96
17) 2-Methylphenol	8.241	107	77340	40.709	ng	99
18) Hexachloroethane	8.864	117	32758	43.299	ng	96
19) n-Nitroso-di-n-propyla...	8.600	70	70455	40.632	ng	95
20) 3+4-Methylphenols	8.570	107	106782	41.807	ng	97
22) Acetophenone	8.617	105	135184	39.519	ng	99
24) Nitrobenzene	8.999	77	105560	40.379	ng	97
25) Isophorone	9.522	82	209929	40.162	ng	99
26) 2-Nitrophenol	9.704	139	48514	44.372	ng	95
27) 2,4-Dimethylphenol	9.769	122	78841	42.548	ng	98
28) bis(2-Chloroethoxy)met...	10.004	93	109923	39.702	ng	99
29) 2,4-Dichlorophenol	10.245	162	83243	43.718	ng	96
30) 1,2,4-Trichlorobenzene	10.450	180	92362	40.170	ng	97
31) Naphthalene	10.639	128	266684	40.193	ng	99
32) Benzoic acid	9.963	122	53650	47.334	ng	97
33) 4-Chloroaniline	10.756	127	119103	42.563	ng	98
34) Hexachlorobutadiene	10.921	225	64787	41.749	ng	96
35) Caprolactam	11.561	113	27228	39.906	ng	# 89
36) 4-Chloro-3-methylphenol	11.890	107	98069	41.416	ng	97
37) 2-Methylnaphthalene	12.254	142	197240	41.389	ng	99
38) 1-Methylnaphthalene	12.478	142	184942	40.883	ng	98
40) 1,2,4,5-Tetrachloroben...	12.624	216	109752	40.533	ng	99
41) Hexachlorocyclopentadiene	12.601	237	41751	43.685	ng	98
43) 2,4,6-Trichlorophenol	12.871	196	76295	44.282	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.948	196	88744	43.012	ng	97
46) 1,1'-Biphenyl	13.271	154	243744	40.284	ng	96
47) 2-Chloronaphthalene	13.318	162	190524	40.406	ng	99
48) 2-Nitroaniline	13.529	65	72659	40.573	ng	95
49) Acenaphthylene	14.164	152	313250	40.060	ng	98
50) Dimethylphthalate	13.905	163	265209	38.998	ng	100
51) 2,6-Dinitrotoluene	14.029	165	58163	40.710	ng	95
52) Acenaphthene	14.505	154	184012	40.270	ng	97
53) 3-Nitroaniline	14.358	138	58987	42.807	ng	# 95
54) 2,4-Dinitrophenol	14.575	184	31116	42.498	ng	94
55) Dibenzofuran	14.839	168	308641	39.156	ng	99
56) 4-Nitrophenol	14.681	139	40484	42.806	ng	95
57) 2,4-Dinitrotoluene	14.822	165	82952	41.627	ng	97
58) Fluorene	15.492	166	246388	39.277	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.069	232	73111	43.424	ng	95
60) Diethylphthalate	15.262	149	274574	39.160	ng	99
61) 4-Chlorophenyl-phenyle...	15.480	204	137942	39.673	ng	95
62) 4-Nitroaniline	15.527	138	60919	43.563	ng	90
63) Azobenzene	15.774	77	246770	38.328	ng	98
65) 4,6-Dinitro-2-methylph...	15.586	198	51214	44.884	ng	95
66) n-Nitrosodiphenylamine	15.703	169	218312	41.961	ng	96
67) 4-Bromophenyl-phenylether	16.373	248	94615	42.713	ng	97
68) Hexachlorobenzene	16.490	284	98083	41.141	ng	97
69) Atrazine	16.649	200	66541	36.139	ng	97
70) Pentachlorophenol	16.843	266	60344	48.270	ng	98
71) Phenanthrene	17.231	178	386572	39.890	ng	99
72) Anthracene	17.319	178	397964	40.945	ng	99
73) Carbazole	17.595	167	356229	40.023	ng	99
74) Di-n-butylphthalate	18.141	149	461168	41.073	ng	99
75) Fluoranthene	19.240	202	480583	39.990	ng	99
77) Benzidine	19.428	184	127720	40.944	ng	98
78) Pyrene	19.604	202	486828	40.142	ng	99
80) Butylbenzylphthalate	20.492	149	207872	42.263	ng	99
81) Benzo(a)anthracene	21.402	228	494283	40.796	ng	96
82) 3,3'-Dichlorobenzidine	21.326	252	179066	42.809	ng	99
83) Chrysene	21.467	228	471407	40.366	ng	99
84) Bis(2-ethylhexyl)phtha...	21.308	149	301213	41.755	ng	100
85) Di-n-octyl phthalate	22.448	149	514172	41.439	ng	99
87) Indeno(1,2,3-cd)pyrene	27.953	276	600669	41.030	ng	# 95
88) Benzo(b)fluoranthene	23.506	252	500669	41.701	ng	97
89) Benzo(k)fluoranthene	23.570	252	500698	40.438	ng	99
90) Benzo(a)pyrene	24.334	252	493689	41.761	ng	97
91) Dibenzo(a,h)anthracene	28.006	278	498680	41.454	ng	99
92) Benzo(g,h,i)perylene	29.046	276	502275	41.761	ng	98

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

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