

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081222\
 Data File : BG054629.D
 Acq On : 12 Aug 2022 19:38
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay
 08/15/2022
 Supervised By :Sohil
 Jodhani
 08/16/2022

Quant Time: Aug 13 03:20:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 13 00:32:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.970	152	16898	20.000	ng	0.00
21) Naphthalene-d8	10.772	136	66066	20.000	ng	# 0.00
39) Acenaphthene-d10	14.609	164	51972	20.000	ng	0.00
64) Phenanthrene-d10	17.353	188	135250	20.000	ng	# 0.00
76) Chrysene-d12	21.624	240	156251	20.000	ng	# 0.00
86) Perylene-d12	24.827	264	163071	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.555	112	74295	91.797	ng	0.00
7) Phenol-d6	7.171	99	101938	91.920	ng	0.00
23) Nitrobenzene-d5	9.133	82	105639	87.076	ng	0.00
42) 2,4,6-Tribromophenol	16.107	330	76983	70.548	ng	0.00
45) 2-Fluorobiphenyl	13.223	172	298734	81.086	ng	0.00
79) Terphenyl-d14	19.962	244	644463	81.823	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	14939	46.397	ng	94
3) Pyridine	3.804	79	40265	49.296	ng	91
4) n-Nitrosodimethylamine	3.722	42	23715	51.924	ng	# 78
6) Aniline	7.288	93	57598	44.995	ng	97
8) 2-Chlorophenol	7.547	128	41973	45.128	ng	92
9) Benzaldehyde	7.106	77	29719	56.623	ng	84
10) Phenol	7.200	94	50598	45.921	ng	96
11) bis(2-Chloroethyl)ether	7.382	93	37134	46.223	ng	93
12) 1,3-Dichlorobenzene	7.858	146	49561m	43.734	ng	
13) 1,4-Dichlorobenzene	7.999	146	51659	44.143	ng	99
14) 1,2-Dichlorobenzene	8.322	146	48966	44.370	ng	99
15) Benzyl Alcohol	8.217	79	40540	44.447	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.487	45	52049	51.442	ng	95
17) 2-Methylphenol	8.440	107	35873	45.171	ng	97
18) Hexachloroethane	9.045	117	18001	46.455	ng	# 63
19) n-Nitroso-di-n-propyla...	8.775	70	34376	46.419	ng	97
20) 3+4-Methylphenols	8.775	107	49855	44.554	ng	# 88
22) Acetophenone	8.792	105	66591	41.908	ng	# 96
24) Nitrobenzene	9.180	77	51597	43.519	ng	# 89
25) Isophorone	9.697	82	90450	42.869	ng	95
26) 2-Nitrophenol	9.891	139	25731	43.055	ng	# 89
27) 2,4-Dimethylphenol	9.968	122	34126	41.336	ng	95
28) bis(2-Chloroethoxy)met...	10.173	93	46254	43.466	ng	# 96
29) 2,4-Dichlorophenol	10.455	162	50427	40.466	ng	91
30) 1,2,4-Trichlorobenzene	10.643	180	62321	40.381	ng	92
31) Naphthalene	10.825	128	137965	41.601	ng	99
32) Benzoic acid	10.156	122	5226m	21.069	ng	
33) 4-Chloroaniline	10.943	127	56677	42.025	ng	95
34) Hexachlorobutadiene	11.101	225	53585	39.287	ng	98
35) Caprolactam	11.724	113	13582	43.287	ng	# 85
36) 4-Chloro-3-methylphenol	12.100	107	47516	41.914	ng	91
37) 2-Methylnaphthalene	12.429	142	104085	40.869	ng	96
38) 1-Methylnaphthalene	12.653	142	100296	40.416	ng	99
40) 1,2,4,5-Tetrachloroben...	12.805	216	90165	39.599	ng	# 96
41) Hexachlorocyclopentadiene	12.776	237	44975	62.857	ng	96
43) 2,4,6-Trichlorophenol	13.058	196	47449	38.272	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.158	196	49574	35.389	ng	#	90
46) 1,1'-Biphenyl	13.440	154	144458	40.629	ng		97
47) 2-Chloronaphthalene	13.487	162	122250	41.084	ng		96
48) 2-Nitroaniline	13.698	65	34501	44.428	ng		90
49) Acenaphthylene	14.333	152	178429	40.355	ng		99
50) Dimethylphthalate	14.057	163	162564	40.045	ng		99
51) 2,6-Dinitrotoluene	14.192	165	36524	41.019	ng	#	78
52) Acenaphthene	14.668	154	109470	40.887	ng		99
53) 3-Nitroaniline	14.527	138	31285	42.011	ng		89
54) 2,4-Dinitrophenol	14.762	184	18498	39.438	ng	#	86
55) Dibenzofuran	15.009	168	190579	40.005	ng		95
56) 4-Nitrophenol	14.897	139	22082	44.445	ng		97
57) 2,4-Dinitrotoluene	14.991	165	52359	41.018	ng	#	89
58) Fluorene	15.655	166	159206	40.647	ng		93
59) 2,3,4,6-Tetrachlorophenol	15.255	232	42798	31.381	ng	#	88
60) Diethylphthalate	15.414	149	159972	41.078	ng		97
61) 4-Chlorophenyl-phenyle...	15.637	204	101987	39.668	ng		89
62) 4-Nitroaniline	15.690	138	32635	41.713	ng		91
63) Azobenzene	15.937	77	120269	42.742	ng		85
65) 4,6-Dinitro-2-methylph...	15.767	198	29421	35.210	ng		82
66) n-Nitrosodiphenylamine	15.861	169	139831	41.410	ng		97
67) 4-Bromophenyl-phenylether	16.536	248	75212	39.595	ng	#	89
68) Hexachlorobenzene	16.671	284	86786	39.952	ng	#	89
69) Atrazine	16.807	200	61143	40.690	ng		93
70) Pentachlorophenol	17.030	266	38134	42.342	ng		95
71) Phenanthrene	17.400	178	277563	41.210	ng		98
72) Anthracene	17.488	178	270563	40.935	ng		99
73) Carbazole	17.764	167	227711	41.847	ng		98
74) Di-n-butylphthalate	18.305	149	276300	43.027	ng	#	97
75) Fluoranthene	19.409	202	370008	40.300	ng		97
77) Benzidine	19.586	184	107423	37.961	ng		99
78) Pyrene	19.774	202	373210	41.627	ng		98
80) Butylbenzylphthalate	20.643	149	122517	43.851	ng		88
81) Benzo(a)anthracene	21.607	228	400661	40.395	ng		99
82) 3,3'-Dichlorobenzidine	21.513	252	125113	40.559	ng	#	95
83) Chrysene	21.671	228	377788	40.315	ng		97
84) Bis(2-ethylhexyl)phtha...	21.489	149	170494	43.125	ng	#	93
85) Di-n-octyl phthalate	22.676	149	294722	43.698	ng		95
87) Indeno(1,2,3-cd)pyrene	28.510	276	499160	40.237	ng	#	98
88) Benzo(b)fluoranthene	23.810	252	400848	41.565	ng	#	99
89) Benzo(k)fluoranthene	23.875	252	401239	41.806	ng	#	96
90) Benzo(a)pyrene	24.680	252	342570	41.595	ng		99
91) Dibenzo(a,h)anthracene	28.546	278	413239	40.510	ng	#	96
92) Benzo(g,h,i)perylene	29.656	276	407327	40.458	ng	#	94

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

