

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072123\
 Data File : BF134392.D
 Acq On : 21 Jul 2023 09:59
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023

Quant Time: Jul 21 13:26:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	64434	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	240623	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	127380	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	261008	20.000	ng	0.00
76) Chrysene-d12	14.039	240	197160	20.000	ng	0.00
86) Perylene-d12	15.539	264	172192	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	312518	81.133	ng	0.00
7) Phenol-d6	6.487	99	384832	81.237	ng	0.00
23) Nitrobenzene-d5	7.404	82	376140	84.264	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	152720	95.624	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	743147	84.821	ng	0.00
79) Terphenyl-d14	12.969	244	915523	74.734	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.604	88	62195	39.159	ng	97
3) Pyridine	3.393	79	153898	37.200	ng	95
4) n-Nitrosodimethylamine	3.357	42	88293	37.368	ng	90
6) Aniline	6.510	93	227080	39.393	ng	97
8) 2-Chlorophenol	6.628	128	158133	40.441	ng	98
9) Benzaldehyde	6.398	77	108278	42.210	ng	99
10) Phenol	6.498	94	196421	39.436	ng	85
11) bis(2-Chloroethyl)ether	6.581	93	140102	38.207	ng	94
12) 1,3-Dichlorobenzene	6.781	146	169357	40.626	ng	97
13) 1,4-Dichlorobenzene	6.857	146	172298	40.920	ng	100
14) 1,2-Dichlorobenzene	7.010	146	161047	40.840	ng	99
15) Benzyl Alcohol	6.987	79	153296	41.977	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.116	45	208253	32.102	ng	88
17) 2-Methylphenol	7.098	107	143616	41.016	ng	96
18) Hexachloroethane	7.345	117	65137	41.721	ng	97
19) n-Nitroso-di-n-propyla...	7.251	70	123233	41.021	ng	97
20) 3+4-Methylphenols	7.251	107	182030	42.852	ng	97
22) Acetophenone	7.251	105	232906	42.560	ng	96
24) Nitrobenzene	7.428	77	183748	40.735	ng	99
25) Isophorone	7.657	82	324604	40.012	ng	96
26) 2-Nitrophenol	7.739	139	91894	42.467	ng	96
27) 2,4-Dimethylphenol	7.775	122	134321	39.215	ng	93
28) bis(2-Chloroethoxy)met...	7.869	93	181992	38.742	ng	98
29) 2,4-Dichlorophenol	7.981	162	137809	40.573	ng	96
30) 1,2,4-Trichlorobenzene	8.057	180	146164	41.705	ng	98
31) Naphthalene	8.139	128	473856	40.769	ng	99
32) Benzoic acid	7.910	122	88681m	34.551	ng	
33) 4-Chloroaniline	8.192	127	195149	39.251	ng	99
34) Hexachlorobutadiene	8.251	225	99197	44.869	ng	98
35) Caprolactam	8.575	113	45026m	40.261	ng	
36) 4-Chloro-3-methylphenol	8.681	107	164912	43.219	ng	95
37) 2-Methylnaphthalene	8.833	142	331976	40.390	ng	97
38) 1-Methylnaphthalene	8.933	142	313032	40.968	ng	98
40) 1,2,4,5-Tetrachloroben...	8.998	216	157111	41.632	ng	98
41) Hexachlorocyclopentadiene	8.981	237	75506	42.173	ng	96
43) 2,4,6-Trichlorophenol	9.116	196	99636	38.784	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	116108	38.423	ng	98
46) 1,1'-Biphenyl	9.298	154	409501	40.077	ng	96
47) 2-Chloronaphthalene	9.322	162	296894	39.712	ng	97
48) 2-Nitroaniline	9.428	65	108390	39.781	ng	91
49) Acenaphthylene	9.739	152	496326	38.863	ng	100
50) Dimethylphthalate	9.604	163	376379	40.705	ng	99
51) 2,6-Dinitrotoluene	9.669	165	82740	41.546	ng	91
52) Acenaphthene	9.916	154	302189	40.779	ng	99
53) 3-Nitroaniline	9.839	138	94593	39.592	ng	# 94
54) 2,4-Dinitrophenol	9.957	184	45042	41.135	ng	95
55) Dibenzofuran	10.086	168	467299	40.349	ng	99
56) 4-Nitrophenol	10.010	139	64902	38.835	ng	92
57) 2,4-Dinitrotoluene	10.080	165	111688	42.465	ng	# 87
58) Fluorene	10.428	166	379227	42.089	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	94956	39.836	ng	98
60) Diethylphthalate	10.304	149	397380	41.250	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	187664	43.219	ng	95
62) 4-Nitroaniline	10.463	138	85207	35.388	ng	90
63) Azobenzene	10.580	77	354282	38.879	ng	97
65) 4,6-Dinitro-2-methylph...	10.492	198	60687	42.647	ng	90
66) n-Nitrosodiphenylamine	10.545	169	327976	39.329	ng	100
67) 4-Bromophenyl-phenylether	10.910	248	114869	41.406	ng	# 89
68) Hexachlorobenzene	10.980	284	127680	43.347	ng	95
69) Atrazine	11.075	200	93223	40.414	ng	96
70) Pentachlorophenol	11.180	266	62308	35.378	ng	96
71) Phenanthrene	11.398	178	529347	40.286	ng	99
72) Anthracene	11.451	178	545893	39.943	ng	99
73) Carbazole	11.610	167	508735	40.669	ng	98
74) Di-n-butylphthalate	11.933	149	627933	42.212	ng	99
75) Fluoranthene	12.598	202	610938	43.008	ng	96
77) Benzidine	12.721	184	184177	39.259	ng	99
78) Pyrene	12.827	202	656371	35.773	ng	99
80) Butylbenzylphthalate	13.445	149	266692	38.755	ng	98
81) Benzo(a)anthracene	14.027	228	538236	39.364	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	177145	40.892	ng	98
83) Chrysene	14.068	228	512793	38.720	ng	98
84) Bis(2-ethylhexyl)phtha...	14.004	149	356902	45.136	ng	100
85) Di-n-octyl phthalate	14.627	149	536791	46.201	ng	97
87) Indeno(1,2,3-cd)pyrene	17.098	276	434053	36.327	ng	# 94
88) Benzo(b)fluoranthene	15.098	252	442471	43.701	ng	98
89) Benzo(k)fluoranthene	15.127	252	406574	39.439	ng	98
90) Benzo(a)pyrene	15.480	252	396139	40.460	ng	# 98
91) Dibenzo(a,h)anthracene	17.115	278	359801	36.867	ng	# 94
92) Benzo(g,h,i)perylene	17.568	276	357533	35.525	ng	# 95

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

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