

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072224\
 Data File : BF138601.D
 Acq On : 22 Jul 2024 11:40
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/23/2024

Supervised By :mohammad ahmed 07/23/2024

Quant Time: Jul 22 12:05:12 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jul 09 16:58:40 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	94668	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	374818	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	208252	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	351202	20.000	ng	0.00
76) Chrysene-d12	14.021	240	171436	20.000	ng	0.00
86) Perylene-d12	15.486	264	168116	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	487651	81.582	ng	0.00
7) Phenol-d6	6.498	99	659128	82.891	ng	0.00
23) Nitrobenzene-d5	7.428	82	630915	82.644	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	152830	78.522	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1037437	77.858	ng	0.00
79) Terphenyl-d14	12.968	244	881351	83.753	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	112370	42.446	ng	97
3) Pyridine	3.387	79	276626	42.371	ng	96
4) n-Nitrosodimethylamine	3.351	42	168055	39.543	ng	90
6) Aniline	6.528	93	311381	41.807	ng	# 88
8) 2-Chlorophenol	6.651	128	257702	40.772	ng	97
9) Benzaldehyde	6.416	77	176877	41.557	ng	99
10) Phenol	6.516	94	348017	41.233	ng	89
11) bis(2-Chloroethyl)ether	6.598	93	263607	41.482	ng	99
12) 1,3-Dichlorobenzene	6.804	146	284802	40.087	ng	98
13) 1,4-Dichlorobenzene	6.881	146	290111	40.212	ng	99
14) 1,2-Dichlorobenzene	7.034	146	267194	39.764	ng	97
15) Benzyl Alcohol	7.004	79	245815	41.192	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	485536	38.853	ng	96
17) 2-Methylphenol	7.122	107	217067	41.905	ng	96
18) Hexachloroethane	7.369	117	106900	40.305	ng	95
19) n-Nitroso-di-n-propyla...	7.275	70	199074	40.516	ng	96
20) 3+4-Methylphenols	7.275	107	266362	40.834	ng	96
22) Acetophenone	7.275	105	364661	40.058	ng	99
24) Nitrobenzene	7.445	77	321423	41.431	ng	98
25) Isophorone	7.686	82	541613	41.313	ng	99
26) 2-Nitrophenol	7.763	139	140741	42.327	ng	98
27) 2,4-Dimethylphenol	7.798	122	168049m	41.121	ng	
28) bis(2-Chloroethoxy)met...	7.892	93	323257	41.257	ng	98
29) 2,4-Dichlorophenol	8.004	162	210676	39.698	ng	97
30) 1,2,4-Trichlorobenzene	8.086	180	238537	38.584	ng	98
31) Naphthalene	8.169	128	784096	40.223	ng	100
32) Benzoic acid	7.928	122	149943	38.469	ng	95
33) 4-Chloroaniline	8.216	127	273199	39.943	ng	99
34) Hexachlorobutadiene	8.281	225	144101	37.852	ng	99
35) Caprolactam	8.598	113	69987	40.869	ng	96
36) 4-Chloro-3-methylphenol	8.704	107	244658	41.179	ng	99
37) 2-Methylnaphthalene	8.857	142	497029	39.621	ng	99
38) 1-Methylnaphthalene	8.957	142	484867	39.604	ng	98
40) 1,2,4,5-Tetrachloroben...	9.022	216	217456	37.466	ng	97
41) Hexachlorocyclopentadiene	9.004	237	88468	46.960	ng	98
43) 2,4,6-Trichlorophenol	9.133	196	141465	38.210	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	154548	37.953	ng	94
46) 1,1'-Biphenyl	9.322	154	630902	39.975	ng	99
47) 2-Chloronaphthalene	9.345	162	468799	39.319	ng	99
48) 2-Nitroaniline	9.445	65	174134	42.147	ng	96
49) Acenaphthylene	9.763	152	674765	39.862	ng	100
50) Dimethylphthalate	9.622	163	538518	39.991	ng	100
51) 2,6-Dinitrotoluene	9.686	165	125236	40.392	ng	90
52) Acenaphthene	9.933	154	449818m	39.976	ng	
53) 3-Nitroaniline	9.857	138	128476	40.429	ng	92
54) 2,4-Dinitrophenol	9.963	184	56663	36.733	ng	96
55) Dibenzofuran	10.104	168	637828	39.081	ng	99
56) 4-Nitrophenol	10.022	139	88669	37.816	ng	95
57) 2,4-Dinitrotoluene	10.092	165	160897	40.108	ng	95
58) Fluorene	10.451	166	509616	39.463	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	120704	37.559	ng	98
60) Diethylphthalate	10.316	149	516616	39.796	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	247858	38.222	ng	96
62) 4-Nitroaniline	10.469	138	126174	39.623	ng	99
63) Azobenzene	10.598	77	566166	40.565	ng	98
65) 4,6-Dinitro-2-methylph...	10.498	198	87439	43.119	ng	77
66) n-Nitrosodiphenylamine	10.557	169	423433	40.242	ng	98
67) 4-Bromophenyl-phenylether	10.927	248	145052	40.184	ng	99
68) Hexachlorobenzene	10.992	284	163956	40.886	ng	98
69) Atrazine	11.080	200	106363	30.489	ng	99
70) Pentachlorophenol	11.192	266	87114	36.712	ng	98
71) Phenanthrene	11.410	178	703165	39.630	ng	100
72) Anthracene	11.463	178	699546	39.718	ng	100
73) Carbazole	11.616	167	630291	39.821	ng	99
74) Di-n-butylphthalate	11.939	149	758576	41.578	ng	99
75) Fluoranthene	12.598	202	708543	39.136	ng	97
77) Benzidine	12.716	184	134190	31.024	ng	100
78) Pyrene	12.827	202	712577	40.945	ng	100
80) Butylbenzylphthalate	13.439	149	242227	46.269	ng	97
81) Benzo(a)anthracene	14.010	228	480024	41.729	ng	100
82) 3,3'-Dichlorobenzidine	13.974	252	117967	39.798	ng	# 98
83) Chrysene	14.051	228	405378	37.251	ng	99
84) Bis(2-ethylhexyl)phtha...	13.992	149	273223	48.935	ng	98
85) Di-n-octyl phthalate	14.604	149	374272	42.433	ng	99
87) Indeno(1,2,3-cd)pyrene	16.962	276	495661	43.893	ng	98
88) Benzo(b)fluoranthene	15.057	252	389395	41.128	ng	99
89) Benzo(k)fluoranthene	15.086	252	323685	35.054	ng	98
90) Benzo(a)pyrene	15.427	252	331273	39.831	ng	100
91) Dibenzo(a,h)anthracene	16.980	278	406303	43.985	ng	98
92) Benzo(g,h,i)perylene	17.409	276	437924	44.708	ng	95

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

