

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080624\
 Data File : BF138812.D
 Acq On : 06 Aug 2024 17:55
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/08/2024
 Supervised By :mohammad ahmed 08/08/2024

Quant Time: Aug 07 10:38:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	53816	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	220255	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	122182	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	210634	20.000	ng	0.00
76) Chrysene-d12	14.004	240	100999	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	96666	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	273916	78.570	ng	0.00
7) Phenol-d6	6.492	99	377517	80.654	ng	0.00
23) Nitrobenzene-d5	7.416	82	366910	81.445	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	87807	87.734	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	686406	84.409	ng	0.00
79) Terphenyl-d14	12.945	244	552937	91.661	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.604	88	54158	35.483	ng	98
3) Pyridine	3.363	79	133585	36.130	ng	95
4) n-Nitrosodimethylamine	3.328	42	88500	40.189	ng	93
6) Aniline	6.510	93	163409	39.146	ng	# 62
8) 2-Chlorophenol	6.634	128	150140	40.933	ng	98
9) Benzaldehyde	6.398	77	102212	36.428	ng	100
10) Phenol	6.504	94	196386	39.849	ng	83
11) bis(2-Chloroethyl)ether	6.587	93	145511	38.369	ng	96
12) 1,3-Dichlorobenzene	6.781	146	167345	40.758	ng	98
13) 1,4-Dichlorobenzene	6.863	146	165087	39.842	ng	98
14) 1,2-Dichlorobenzene	7.016	146	160056	41.332	ng	99
15) Benzyl Alcohol	6.992	79	142725	42.307	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.116	45	224461	34.392	ng	61
17) 2-Methylphenol	7.110	107	123751	40.858	ng	# 93
18) Hexachloroethane	7.351	117	62214	39.888	ng	95
19) n-Nitroso-di-n-propyla...	7.263	70	115970	41.022	ng	98
20) 3+4-Methylphenols	7.263	107	161005	41.431	ng	# 88
22) Acetophenone	7.257	105	225050	41.731	ng	# 99
24) Nitrobenzene	7.434	77	183319	39.990	ng	98
25) Isophorone	7.669	82	302080	39.270	ng	99
26) 2-Nitrophenol	7.745	139	81767	41.459	ng	97
27) 2,4-Dimethylphenol	7.786	122	94450	40.026	ng	98
28) bis(2-Chloroethoxy)met...	7.875	93	179999	38.425	ng	99
29) 2,4-Dichlorophenol	7.992	162	127181	41.943	ng	98
30) 1,2,4-Trichlorobenzene	8.063	180	144935	41.419	ng	99
31) Naphthalene	8.145	128	468493	40.410	ng	100
32) Benzoic acid	7.934	122	69959	37.715	ng	97
33) 4-Chloroaniline	8.204	127	140521	36.108	ng	98
34) Hexachlorobutadiene	8.257	225	89378	42.170	ng	100
35) Caprolactam	8.586	113	36934m	40.821	ng	
36) 4-Chloro-3-methylphenol	8.692	107	142376	41.085	ng	97
37) 2-Methylnaphthalene	8.833	142	301920	41.235	ng	98
38) 1-Methylnaphthalene	8.933	142	297824	41.510	ng	100
40) 1,2,4,5-Tetrachloroben...	9.004	216	140331	41.346	ng	99
41) Hexachlorocyclopentadiene	8.980	237	25774	33.158	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	86246	41.677	ng	100

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44) 2,4,5-Trichlorophenol	9.169	196	93771	41.449	ng	98
46) 1,1'-Biphenyl	9.298	154	389217	40.674	ng	99
47) 2-Chloronaphthalene	9.328	162	285559	40.124	ng	99
48) 2-Nitroaniline	9.428	65	96612	40.043	ng	99
49) Acenaphthylene	9.739	152	405158	40.139	ng	99
50) Dimethylphthalate	9.604	163	327994	41.983	ng	100
51) 2,6-Dinitrotoluene	9.669	165	75313	42.715	ng	92
52) Acenaphthene	9.916	154	275631	40.622	ng	99
53) 3-Nitroaniline	9.839	138	73081	40.095	ng	99
54) 2,4-Dinitrophenol	9.957	184	40402	49.779	ng	92
55) Dibenzofuran	10.086	168	391374	40.861	ng	99
56) 4-Nitrophenol	10.016	139	53751	49.040	ng	96
57) 2,4-Dinitrotoluene	10.075	165	98125	43.621	ng	89
58) Fluorene	10.427	166	322055	42.224	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	71136	41.129	ng	97
60) Diethylphthalate	10.298	149	322141	43.488	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	159248	42.452	ng	97
62) 4-Nitroaniline	10.457	138	72389	41.792	ng	91
63) Azobenzene	10.575	77	329974	40.164	ng	98
65) 4,6-Dinitro-2-methylph...	10.486	198	53760	41.835	ng	94
66) n-Nitrosodiphenylamine	10.539	169	261837	39.769	ng	100
67) 4-Bromophenyl-phenylether	10.904	248	93098	40.823	ng	98
68) Hexachlorobenzene	10.975	284	96487	40.977	ng	97
69) Atrazine	11.063	200	64562	38.007	ng	99
70) Pentachlorophenol	11.174	266	53245	50.168	ng	98
71) Phenanthrene	11.392	178	430327	39.676	ng	100
72) Anthracene	11.439	178	433260	40.549	ng	100
73) Carbazole	11.598	167	373809	40.551	ng	99
74) Di-n-butylphthalate	11.922	149	476751	46.006	ng	100
75) Fluoranthene	12.574	202	419527	41.433	ng	99
77) Benzidine	12.698	184	98520	40.783	ng	99
78) Pyrene	12.804	202	426771	44.879	ng	100
80) Butylbenzylphthalate	13.416	149	131542	43.197	ng	95
81) Benzo(a)anthracene	13.992	228	277863	39.952	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	72304	40.624	ng	100
83) Chrysene	14.027	228	245165	39.072	ng	98
84) Bis(2-ethylhexyl)phtha...	13.968	149	158986	35.654	ng	98
85) Di-n-octyl phthalate	14.580	149	276750	33.545	ng	98
87) Indeno(1,2,3-cd)pyrene	16.939	276	264132	38.128	ng	96
88) Benzo(b)fluoranthene	15.039	252	240782	40.182	ng	98
89) Benzo(k)fluoranthene	15.068	252	214666	41.375	ng	98
90) Benzo(a)pyrene	15.404	252	202297	40.135	ng	98
91) Dibenzo(a,h)anthracene	16.945	278	219843	38.660	ng	98
92) Benzo(g,h,i)perylene	17.380	276	218477	37.024	ng	96

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

