

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
 Data File : BF136350.D
 Acq On : 01 Dec 2023 21:48
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Dec 02 00:37:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel

12/04/2023
 Supervised By :mohammad
 ahmed

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	105232	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	442198	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	210775	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	308938	20.000	ng	0.00
76) Chrysene-d12	13.986	240	171803	20.000	ng	0.00
86) Perylene-d12	15.468	264	226606	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	611594	80.892	ng	0.00
7) Phenol-d6	6.445	99	756637	80.038	ng	0.00
23) Nitrobenzene-d5	7.375	82	689892	82.443	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	181224	70.326	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1371076	83.088	ng	0.00
79) Terphenyl-d14	12.927	244	917890	61.627	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.557	88	116208	40.622	ng	96
3) Pyridine	3.322	79	294600	41.718	ng	94
4) n-Nitrosodimethylamine	3.287	42	129078	36.160	ng	85
6) Aniline	6.475	93	379699	42.494	ng	95
8) 2-Chlorophenol	6.592	128	332232	40.357	ng	97
9) Benzaldehyde	6.363	77	215387	40.879	ng	95
10) Phenol	6.457	94	408794	40.307	ng	94
11) bis(2-Chloroethyl)ether	6.551	93	301707	40.551	ng	94
12) 1,3-Dichlorobenzene	6.751	146	376199	40.268	ng	97
13) 1,4-Dichlorobenzene	6.828	146	384179	40.452	ng	98
14) 1,2-Dichlorobenzene	6.981	146	360017	40.042	ng	98
15) Benzyl Alcohol	6.951	79	255520	38.551	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.087	45	397912	38.503	ng	97
17) 2-Methylphenol	7.063	107	269011	41.565	ng	97
18) Hexachloroethane	7.316	117	133391	40.042	ng	95
19) n-Nitroso-di-n-propyla...	7.222	70	221960	39.257	ng	96
20) 3+4-Methylphenols	7.216	107	326549	38.823	ng	94
22) Acetophenone	7.216	105	456787	39.332	ng	# 95
24) Nitrobenzene	7.392	77	342505	40.389	ng	92
25) Isophorone	7.628	82	613348	40.649	ng	96
26) 2-Nitrophenol	7.704	139	170589	47.213	ng	94
27) 2,4-Dimethylphenol	7.739	122	205196	43.148	ng	93
28) bis(2-Chloroethoxy)met...	7.839	93	373588	40.933	ng	97
29) 2,4-Dichlorophenol	7.945	162	266580	41.558	ng	96
30) 1,2,4-Trichlorobenzene	8.028	180	322602	41.077	ng	99
31) Naphthalene	8.110	128	1017196	40.925	ng	98
32) Benzoic acid	7.857	122	196765m	45.398	ng	
33) 4-Chloroaniline	8.157	127	354470	41.956	ng	98
34) Hexachlorobutadiene	8.222	225	191605	41.702	ng	100
35) Caprolactam	8.533	113	74937	41.789	ng	99
36) 4-Chloro-3-methylphenol	8.639	107	273326	39.288	ng	94
37) 2-Methylnaphthalene	8.798	142	632114	40.543	ng	97
38) 1-Methylnaphthalene	8.898	142	613207	40.317	ng	93
40) 1,2,4,5-Tetrachloroben...	8.963	216	291772	43.496	ng	99
41) Hexachlorocyclopentadiene	8.951	237	87392	33.858	ng	97
43) 2,4,6-Trichlorophenol	9.075	196	181235	41.626	ng	92

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44) 2,4,5-Trichlorophenol	9.116	196	196890	41.438	ng	98	
46) 1,1'-Biphenyl	9.263	154	788695	42.432	ng	97	
47) 2-Chloronaphthalene	9.286	162	609376	42.217	ng	95	
48) 2-Nitroaniline	9.386	65	152730	40.527	ng	85	
49) Acenaphthylene	9.704	152	845213	41.032	ng	99	
50) Dimethylphthalate	9.569	163	655817	41.167	ng	99	
51) 2,6-Dinitrotoluene	9.627	165	143548	44.107	ng	99	
52) Acenaphthene	9.875	154	558349	42.892	ng	96	
53) 3-Nitroaniline	9.798	138	130140	40.300	ng	95	
54) 2,4-Dinitrophenol	9.904	184	48014	31.721	ng	#	85
55) Dibenzofuran	10.051	168	763564	39.419	ng	97	
56) 4-Nitrophenol	9.957	139	75428	30.754	ng	85	
57) 2,4-Dinitrotoluene	10.033	165	174457	40.130	ng	98	
58) Fluorene	10.392	166	588404	38.726	ng	96	
59) 2,3,4,6-Tetrachlorophenol	10.169	232	146804	38.832	ng	96	
60) Diethylphthalate	10.269	149	628796	39.458	ng	97	
61) 4-Chlorophenyl-phenylether	10.386	204	291429	39.496	ng	96	
62) 4-Nitroaniline	10.410	138	111479	35.268	ng	92	
63) Azobenzene	10.545	77	543679	36.801	ng	98	
65) 4,6-Dinitro-2-methylph...	10.439	198	73176	43.314	ng	93	
66) n-Nitrosodiphenylamine	10.504	169	484491	48.937	ng	96	
67) 4-Bromophenyl-phenylether	10.880	248	171094	47.470	ng	90	
68) Hexachlorobenzene	10.939	284	192092	46.049	ng	93	
69) Atrazine	11.033	200	119771	40.782	ng	96	
70) Pentachlorophenol	11.133	266	88485	37.526	ng	93	
71) Phenanthrene	11.357	178	711240	40.961	ng	98	
72) Anthracene	11.410	178	708275	40.676	ng	98	
73) Carbazole	11.563	167	535001	36.125	ng	100	
74) Di-n-butylphthalate	11.904	149	758233	40.919	ng	98	
75) Fluoranthene	12.551	202	576628	32.713	ng	96	
77) Benzidine	12.674	184	180985	64.085	ng	100	
78) Pyrene	12.780	202	580971	30.877	ng	97	
80) Butylbenzylphthalate	13.410	149	211956	36.196	ng	98	
81) Benzo(a)anthracene	13.974	228	512610	40.170	ng	98	
82) 3,3'-Dichlorobenzidine	13.939	252	171613	55.868	ng	95	
83) Chrysene	14.010	228	507799	41.213	ng	97	
84) Bis(2-ethylhexyl)phtha...	13.974	149	294732	41.939	ng	#	98
85) Di-n-octyl phthalate	14.592	149	603553	52.354	ng	99	
87) Indeno(1,2,3-cd)pyrene	16.974	276	569897	34.447	ng	98	
88) Benzo(b)fluoranthene	15.033	252	583355	36.693	ng	99	
89) Benzo(k)fluoranthene	15.062	252	593536	39.308	ng	97	
90) Benzo(a)pyrene	15.404	252	531902	40.926	ng	98	
91) Dibenzo(a,h)anthracene	16.998	278	470491	35.365	ng	99	
92) Benzo(g,h,i)perylene	17.433	276	439098	32.814	ng	97	

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

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