

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042823\
 Data File : BF133124.D
 Acq On : 28 Apr 2023 16:17
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 28 17:14:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 28 12:18:20 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian
 Giraldo

05/01/2023

Supervised By :Jagrut
 Upadhyay

05/01/2023

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05/01/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	169530	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	651406	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	331291	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	609324	20.000	ng	0.00
76) Chrysene-d12	13.892	240	433500	20.000	ng	0.00
86) Perylene-d12	15.309	264	385479	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	862362	76.841	ng	0.00
7) Phenol-d6	6.381	99	1028571	73.841	ng	0.00
23) Nitrobenzene-d5	7.304	82	884753	73.312	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	271657	81.535	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1575537	79.564	ng	0.00
79) Terphenyl-d14	12.839	244	1802600	71.716	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.381	88	199095	38.247	ng	96
3) Pyridine	3.081	79	580286	41.972	ng	97
4) n-Nitrosodimethylamine	3.040	42	277457	38.744	ng	99
6) Aniline	6.404	93	658972	36.730	ng	97
8) 2-Chlorophenol	6.522	128	426009	37.387	ng	97
9) Benzaldehyde	6.281	77	250155	38.364	ng	96
10) Phenol	6.392	94	544547	35.436	ng	83
11) bis(2-Chloroethyl)ether	6.475	93	408910	35.460	ng	99
12) 1,3-Dichlorobenzene	6.681	146	456965	37.720	ng	96
13) 1,4-Dichlorobenzene	6.757	146	456824	37.625	ng	97
14) 1,2-Dichlorobenzene	6.910	146	429153	38.339	ng	98
15) Benzyl Alcohol	6.881	79	354725	36.866	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.016	45	651639	32.535	ng	98
17) 2-Methylphenol	6.998	107	386952	37.086	ng	98
18) Hexachloroethane	7.251	117	152609	36.153	ng	98
19) n-Nitroso-di-n-propyla...	7.157	70	286966	33.091	ng	95
20) 3+4-Methylphenols	7.151	107	453024	36.869	ng	92
22) Acetophenone	7.151	105	557183	36.925	ng	98
24) Nitrobenzene	7.322	77	450141	36.809	ng	98
25) Isophorone	7.563	82	810835	35.387	ng	99
26) 2-Nitrophenol	7.639	139	240991	40.857	ng	90
27) 2,4-Dimethylphenol	7.681	122	377223	37.296	ng	99
28) bis(2-Chloroethoxy)met...	7.775	93	483028	35.634	ng	100
29) 2,4-Dichlorophenol	7.881	162	353943	38.441	ng	99
30) 1,2,4-Trichlorobenzene	7.963	180	371854	38.983	ng	99
31) Naphthalene	8.045	128	1246223	38.265	ng	100
32) Benzoic acid	7.798	122	278413m	44.564	ng	
33) 4-Chloroaniline	8.092	127	527737	40.105	ng	99
34) Hexachlorobutadiene	8.163	225	202936	38.385	ng	99
35) Caprolactam	8.463	113	126422	40.872	ng	92
36) 4-Chloro-3-methylphenol	8.575	107	374976	37.766	ng	99
37) 2-Methylnaphthalene	8.733	142	837374	37.608	ng	98
38) 1-Methylnaphthalene	8.833	142	781248	37.507	ng	100
40) 1,2,4,5-Tetrachloroben...	8.898	216	339268	38.088	ng	99
41) Hexachlorocyclopentadiene	8.886	237	190329	36.638	ng	99
43) 2,4,6-Trichlorophenol	9.010	196	240288	39.007	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	276205	38.769	ng	99
46) 1,1'-Biphenyl	9.198	154	987371	37.586	ng	99
47) 2-Chloronaphthalene	9.222	162	722319	37.566	ng	99
48) 2-Nitroaniline	9.316	65	236002	37.138	ng	99
49) Acenaphthylene	9.633	152	1185529	38.588	ng	99
50) Dimethylphthalate	9.498	163	882726	38.213	ng	99
51) 2,6-Dinitrotoluene	9.557	165	208346	40.072	ng	92
52) Acenaphthene	9.810	154	792645	38.521	ng	99
53) 3-Nitroaniline	9.727	138	245859	39.770	ng	99
54) 2,4-Dinitrophenol	9.827	184	114945	43.983	ng	97
55) Dibenzofuran	9.980	168	1068961	38.084	ng	99
56) 4-Nitrophenol	9.886	139	187093	39.075	ng	94
57) 2,4-Dinitrotoluene	9.963	165	275631	41.570	ng	# 80
58) Fluorene	10.322	166	811183	39.446	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.098	232	211973	38.378	ng	98
60) Diethylphthalate	10.198	149	834123	38.228	ng	99
61) 4-Chlorophenyl-phenyle...	10.316	204	388997	38.817	ng	97
62) 4-Nitroaniline	10.339	138	249538	43.918	ng	96
63) Azobenzene	10.475	77	826976	35.778	ng	96
65) 4,6-Dinitro-2-methylph...	10.369	198	158610	42.946	ng	92
66) n-Nitrosodiphenylamine	10.433	169	724411	36.651	ng	99
67) 4-Bromophenyl-phenylether	10.804	248	244350	36.975	ng	97
68) Hexachlorobenzene	10.869	284	253336	37.411	ng	98
69) Atrazine	10.963	200	220327	38.687	ng	100
70) Pentachlorophenol	11.063	266	184060	38.165	ng	98
71) Phenanthrene	11.280	178	1213924	37.067	ng	100
72) Anthracene	11.333	178	1271416	37.935	ng	100
73) Carbazole	11.486	167	1138376	38.145	ng	99
74) Di-n-butylphthalate	11.821	149	1335590	39.547	ng	99
75) Fluoranthene	12.463	202	1307312	39.775	ng	99
77) Benzidine	12.586	184	365372m	49.841	ng	
78) Pyrene	12.692	202	1316344	35.423	ng	99
80) Butylbenzylphthalate	13.315	149	556809	42.318	ng	96
81) Benzo(a)anthracene	13.880	228	1085938	36.428	ng	100
82) 3,3'-Dichlorobenzidine	13.845	252	350939	42.615	ng	98
83) Chrysene	13.915	228	1101536	36.960	ng	99
84) Bis(2-ethylhexyl)phtha...	13.880	149	642857	38.925	ng	99
85) Di-n-octyl phthalate	14.492	149	1080074	40.108	ng	96
87) Indeno(1,2,3-cd)pyrene	16.692	276	924185	42.149	ng	99
88) Benzo(b)fluoranthene	14.904	252	894921	36.492	ng	98
89) Benzo(k)fluoranthene	14.933	252	944557	38.855	ng	99
90) Benzo(a)pyrene	15.251	252	851397	38.142	ng	99
91) Dibenzo(a,h)anthracene	16.703	278	769663	42.086	ng	99
92) Benzo(g,h,i)perylene	17.103	276	774807	42.914	ng	97

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

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