

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010923\
 Data File : BF131956.D
 Acq On : 09 Jan 2023 11:20
 Operator : CG\JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/10/2023
 Supervised By : Jagrut Upadhyay 01/10/2023

Quant Time: Jan 09 23:58:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 09 23:53:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	88227	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	336080	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	213295	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	433404	20.000	ng	0.00
76) Chrysene-d12	13.980	240	325892	20.000	ng	0.00
86) Perylene-d12	15.445	264	274689	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	58977	11.015	ng	0.00
7) Phenol-d6	6.416	99	80034	11.274	ng	-0.02
23) Nitrobenzene-d5	7.351	82	82890	10.236	ng	-0.02
42) 2,4,6-Tribromophenol	10.628	330	24551	10.011	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	166574	10.543	ng	-0.01
79) Terphenyl-d14	12.916	244	215319	9.470	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.469	88	12557	5.370	ng	99
3) Pyridine	3.210	79	32477	4.948	ng	99
4) n-Nitrosodimethylamine	3.146	42	15338	4.973	ng	# 90
6) Aniline	6.445	93	51113	5.472	ng	96
8) 2-Chlorophenol	6.569	128	28381	5.283	ng	97
10) Phenol	6.428	94	42749	5.398	ng	86
11) bis(2-Chloroethyl)ether	6.516	93	32162	5.387	ng	96
12) 1,3-Dichlorobenzene	6.722	146	33250	5.557	ng	97
13) 1,4-Dichlorobenzene	6.804	146	32919	5.437	ng	96
14) 1,2-Dichlorobenzene	6.957	146	32739	5.694	ng	95
15) Benzyl Alcohol	6.928	79	33432	5.408	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	42025	5.578	ng	99
17) 2-Methylphenol	7.045	107	29434	5.537	ng	94
18) Hexachloroethane	7.298	117	13506	5.394	ng	89
19) n-Nitroso-di-n-propyla...	7.192	70	29127	5.672	ng	96
20) 3+4-Methylphenols	7.198	107	37397	5.479	ng	# 83
22) Acetophenone	7.198	105	51556	5.269	ng	# 95
24) Nitrobenzene	7.369	77	41989	5.093	ng	96
25) Isophorone	7.610	82	76708	5.071	ng	97
26) 2-Nitrophenol	7.692	139	15815	4.876	ng	98
27) 2,4-Dimethylphenol	7.728	122	27807	5.136	ng	97
28) bis(2-Chloroethoxy)met...	7.828	93	43483	5.194	ng	97
29) 2,4-Dichlorophenol	7.939	162	28529	5.144	ng	98
30) 1,2,4-Trichlorobenzene	8.016	180	32033	5.043	ng	99
31) Naphthalene	8.098	128	93566	5.268	ng	99
33) 4-Chloroaniline	8.151	127	38565	5.262	ng	99
34) Hexachlorobutadiene	8.210	225	22044	5.006	ng	95
35) Caprolactam	8.492	113	8491	5.209	ng	98
36) 4-Chloro-3-methylphenol	8.634	107	33476	5.143	ng	96
37) 2-Methylnaphthalene	8.792	142	65813	5.159	ng	100
38) 1-Methylnaphthalene	8.886	142	62579	5.295	ng	96
40) 1,2,4,5-Tetrachloroben...	8.957	216	37808	5.030	ng	97
43) 2,4,6-Trichlorophenol	9.075	196	21222	4.691	ng	95
44) 2,4,5-Trichlorophenol	9.116	196	25658	4.872	ng	96
46) 1,1'-Biphenyl	9.257	154	85051	5.166	ng	99
47) 2-Chloronaphthalene	9.281	162	64980	5.085	ng	98

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48) 2-Nitroaniline	9.381	65	23316	5.024	ng	94
49) Acenaphthylene	9.698	152	104318	5.261	ng	99
50) Dimethylphthalate	9.557	163	87023	5.234	ng	99
51) 2,6-Dinitrotoluene	9.622	165	17725	5.069	ng	# 77
52) Acenaphthene	9.869	154	62579	5.258	ng	97
53) 3-Nitroaniline	9.792	138	17341	5.111	ng	90
55) Dibenzofuran	10.039	168	100820	5.374	ng	98
56) 4-Nitrophenol	9.969	139	8355	4.372	ng	# 86
57) 2,4-Dinitrotoluene	10.028	165	25023	5.352	ng	92
58) Fluorene	10.386	166	80578	5.376	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.163	232	17680	4.554	ng	# 87
60) Diethylphthalate	10.257	149	89222	5.457	ng	99
61) 4-Chlorophenyl-phenyle...	10.381	204	45115	5.258	ng	95
62) 4-Nitroaniline	10.404	138	15914m	5.035	ng	
63) Azobenzene	10.539	77	93417	5.387	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	11334	4.055	ng	86
66) n-Nitrosodiphenylamine	10.498	169	68917	5.068	ng	97
67) 4-Bromophenyl-phenylether	10.869	248	26982	4.977	ng	98
68) Hexachlorobenzene	10.933	284	27581	5.029	ng	97
69) Atrazine	11.028	200	25569	5.171	ng	96
71) Phenanthrene	11.351	178	118047	5.225	ng	99
72) Anthracene	11.404	178	121391	5.219	ng	98
73) Carbazole	11.563	167	101894	5.292	ng	99
74) Di-n-butylphthalate	11.892	149	141029	5.260	ng	99
75) Fluoranthene	12.545	202	138037	5.432	ng	98
77) Benzidine	12.674	184	65419	6.042	ng	96
78) Pyrene	12.774	202	138881	4.672	ng	99
80) Butylbenzylphthalate	13.398	149	55463	4.623	ng	92
81) Benzo(a)anthracene	13.969	228	122592	5.171	ng	98
82) 3,3'-Dichlorobenzidine	13.933	252	40949	5.534	ng	98
83) Chrysene	14.004	228	114702	5.177	ng	98
84) Bis(2-ethylhexyl)phtha...	13.957	149	76030	4.678	ng	# 100
85) Di-n-octyl phthalate	14.568	149	110086	4.949	ng	99
87) Indeno(1,2,3-cd)pyrene	16.898	276	69833	4.145	ng	99
88) Benzo(b)fluoranthene	15.016	252	93320	4.953	ng	98
89) Benzo(k)fluoranthene	15.045	252	96761	5.146	ng	96
90) Benzo(a)pyrene	15.380	252	85192	5.019	ng	99
91) Dibenzo(a,h)anthracene	16.910	278	58622	4.151	ng	98
92) Benzo(g,h,i)perylene	17.339	276	54662	3.930	ng	99

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

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