Quantitation Report (QT Reviewed)

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

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

Instrument :
BNA_F
ClientSampleId :

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

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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