Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010923\
Data File : BF131958.D
Acq On : 09 Jan 2023 12:24
Operator : CG\JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 09 23:59:52 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 :
SSTDICC020

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	6.786	152	92211	20.000	ng		0.00
21) Naphthalene-d8	8.075	136	339566	20.000	ng		0.00
39) Acenaphthene-d10	9.839	164	207577	20.000	ng		0.00
64) Phenanthrene-d10	11.333	188	412689	20.000	ng		0.00
76) Chrysene-d12	13.980	240	282317	20.000	ng	#	0.00
86) Perylene-d12	15.445	264	200938	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	230369	41.166	ng		0.00
7) Phenol-d6	6.422	99	305647	41.194	ng		-0.01
23) Nitrobenzene-d5	7.357	82	334779	40.918	ng		-0.01
42) 2,4,6-Tribromophenol	10.633	330	96761	40.542	ng		0.00
45) 2-Fluorobiphenyl	9.157	172	624294	40.600	ng		0.00
79) Terphenyl-d14	12.921	244	754197	38.289	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.469	88	49521	20.262	ng		99
3) Pyridine	3.198	79	141012	20.557	ng		99
4) n-Nitrosodimethylamine	3.157	42	66394	20.595	ng		93
6) Aniline	6.451	93	202299	20.722	ng		99
8) 2-Chlorophenol	6.569	128	116986	20.836	ng		100
9) Benzaldehyde	6.339	77	108442	21.119	ng		93
10) Phenol	6.434	94	172684	20.863	ng		86
11) bis(2-Chloroethyl)ether	6.522	93	128347	20.570	ng		95
12) 1,3-Dichlorobenzene	6.722	146	127200	20.340	ng		97
13) 1,4-Dichlorobenzene	6.804	146	131913	20.847	ng		97
14) 1,2-Dichlorobenzene	6.957	146	124242	20.674	ng		99
15) Benzyl Alcohol	6.933	79	136621	21.145	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.063	45	167723	21.300	ng		99
17) 2-Methylphenol	7.045	107	114802	20.662	ng		95
18) Hexachloroethane	7.298	117	53041	20.270	ng		94
19) n-Nitroso-di-n-propyla...	7.204	70	112583	20.976	ng		99
20) 3+4-Methylphenols	7.204	107	150751	21.133	ng		93
22) Acetophenone	7.204	105	201327	20.364	ng	#	98
24) Nitrobenzene	7.381	77	172467	20.706	ng		99
25) Isophorone	7.616	82	310426	20.310	ng		98
26) 2-Nitrophenol	7.692	139	67633	20.637	ng		95
27) 2,4-Dimethylphenol	7.733	122	110449	20.190	ng		99
28) bis(2-Chloroethoxy)met...	7.828	93	173177	20.472	ng		99
29) 2,4-Dichlorophenol	7.939	162	113578	20.270	ng		98
30) 1,2,4-Trichlorobenzene	8.016	180	131445	20.483	ng		97
31) Naphthalene	8.098	128	364577	20.316	ng		99
32) Benzoic acid	7.857	122	58628m	18.781	ng		
33) 4-Chloroaniline	8.157	127	154957	20.925	ng		94
34) Hexachlorobutadiene	8.210	225	89177	20.043	ng		98
35) Caprolactam	8.527	113	32685m	19.844	ng		
36) 4-Chloro-3-methylphenol	8.639	107	136190	20.709	ng		98
37) 2-Methylnaphthalene	8.792	142	263942	20.479	ng		98
38) 1-Methylnaphthalene	8.892	142	244393	20.467	ng		97
40) 1,2,4,5-Tetrachloroben...	8.957	216	147383	20.149	ng		99
41) Hexachlorocyclopentadiene	8.939	237	47029	16.098	ng		98
43) 2,4,6-Trichlorophenol	9.075	196	89260	20.273	ng		99

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44) 2,4,5-Trichlorophenol	9.116	196	103942	20.279	ng		98
46) 1,1'-Biphenyl	9.257	154	327958	20.470	ng		99
47) 2-Chloronaphthalene	9.286	162	253312	20.371	ng		97
48) 2-Nitroaniline	9.386	65	92348	20.446	ng		98
49) Acenaphthylene	9.698	152	398982	20.676	ng		99
50) Dimethylphthalate	9.563	163	328553	20.306	ng		99
51) 2,6-Dinitrotoluene	9.627	165	69646	20.465	ng	#	85
52) Acenaphthene	9.874	154	235764	20.354	ng		97
53) 3-Nitroaniline	9.804	138	69548	21.065	ng		94
54) 2,4-Dinitrophenol	9.910	184	32123	18.800	ng		97
55) Dibenzofuran	10.045	168	374396	20.505	ng		98
56) 4-Nitrophenol	9.969	139	37993	20.430	ng		89
57) 2,4-Dinitrotoluene	10.033	165	94272	20.720	ng		95
58) Fluorene	10.386	166	297537	20.400	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.169	232	78482m	20.773	ng		
60) Diethylphthalate	10.263	149	326003	20.490	ng		100
61) 4-Chlorophenyl-phenyle...	10.380	204	171442	20.533	ng		95
62) 4-Nitroaniline	10.416	138	61755m	20.076	ng		
63) Azobenzene	10.539	77	351670	20.836	ng		97
65) 4,6-Dinitro-2-methylph...	10.445	198	53160	19.975	ng		90
66) n-Nitrosodiphenylamine	10.504	169	258347	19.954	ng		99
67) 4-Bromophenyl-phenylether	10.874	248	103398	20.028	ng		92
68) Hexachlorobenzene	10.933	284	103869	19.889	ng		95
69) Atrazine	11.033	200	94963	20.169	ng		97
70) Pentachlorophenol	11.139	266	44371	18.073	ng		98
71) Phenanthrene	11.357	178	426991	19.847	ng		100
72) Anthracene	11.410	178	446034	20.139	ng		98
73) Carbazole	11.568	167	371002	20.234	ng		99
74) Di-n-butylphthalate	11.892	149	513977	20.132	ng		100
75) Fluoranthene	12.545	202	494232	20.427	ng		100
77) Benzidine	12.674	184	191815	20.451	ng		97
78) Pyrene	12.774	202	495039	19.226	ng		99
80) Butylbenzylphthalate	13.398	149	199798	19.223	ng		99
81) Benzo(a)anthracene	13.968	228	411584	20.039	ng		99
82) 3,3'-Dichlorobenzidine	13.933	252	137398	21.434	ng		99
83) Chrysene	14.009	228	382972	19.951	ng		98
84) Bis(2-ethylhexyl)phtha...	13.957	149	279867	19.876	ng		99
85) Di-n-octyl phthalate	14.568	149	383793	19.918	ng		99
87) Indeno(1,2,3-cd)pyrene	16.903	276	225929	18.333	ng		99
88) Benzo(b)fluoranthene	15.015	252	292598	21.231	ng		99
89) Benzo(k)fluoranthene	15.045	252	281521	20.468	ng		99
90) Benzo(a)pyrene	15.380	252	250755	20.194	ng		98
91) Dibenzo(a,h)anthracene	16.915	278	189002	18.295	ng		97
92) Benzo(g,h,i)perylene	17.345	276	179530	17.647	ng		100

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

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