Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062023\
Data File : BF133844.D
Acq On : 20 Jun 2023 08:29
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

Quant Time: Jun 20 09:04:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 19 16:00:59 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	96241	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	359620	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	179640	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	337571	20.000	ng	0.00
76) Chrysene-d12	14.045	240	170631	20.000	ng	0.00
86) Perylene-d12	15.551	264	182627	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	465483	84.201	ng	0.00
7) Phenol-d6	6.492	99	569397	79.128	ng	0.00
23) Nitrobenzene-d5	7.422	82	548760	83.113	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	180490	79.374	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1017487	80.515	ng	0.00
79) Terphenyl-d14	12.986	244	924289	83.818	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	98220	40.413	ng	99
3) Pyridine	3.410	79	252669	35.668	ng	96
4) n-Nitrosodimethylamine	3.375	42	154128	39.361	ng	95
6) Aniline	6.528	93	353075	38.956	ng	99
8) 2-Chlorophenol	6.645	128	236965	40.674	ng	98
9) Benzaldehyde	6.416	77	165860	34.741	ng	98
10) Phenol	6.510	94	299299	39.833	ng	99
11) bis(2-Chloroethyl)ether	6.598	93	220595	39.545	ng	95
12) 1,3-Dichlorobenzene	6.798	146	256186	41.157	ng	97
13) 1,4-Dichlorobenzene	6.875	146	254286	40.418	ng	98
14) 1,2-Dichlorobenzene	7.028	146	240392	42.287	ng	99
15) Benzyl Alcohol	6.998	79	230447	41.003	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	391780	41.432	ng	99
17) 2-Methylphenol	7.110	107	210863	40.835	ng	99
18) Hexachloroethane	7.369	117	98216	45.601	ng	97
19) n-Nitroso-di-n-propyla...	7.275	70	179618	39.232	ng	99
20) 3+4-Methylphenols	7.263	107	260274	38.746	ng	97
22) Acetophenone	7.269	105	331506	40.192	ng	98
24) Nitrobenzene	7.439	77	278147	41.837	ng	95
25) Isophorone	7.681	82	480637	39.652	ng	98
26) 2-Nitrophenol	7.757	139	132192	44.304	ng	96
27) 2,4-Dimethylphenol	7.792	122	207044	40.260	ng	99
28) bis(2-Chloroethoxy)met...	7.886	93	278285	39.722	ng	98
29) 2,4-Dichlorophenol	7.998	162	205566	40.785	ng	97
30) 1,2,4-Trichlorobenzene	8.081	180	213799	40.656	ng	97
31) Naphthalene	8.163	128	697185	39.792	ng	99
32) Benzoic acid	7.904	122	150073m	46.270	ng	
33) 4-Chloroaniline	8.210	127	293295	39.150	ng	99
34) Hexachlorobutadiene	8.275	225	137804	40.024	ng	98
35) Caprolactam	8.586	113	63574	37.484	ng	96
36) 4-Chloro-3-methylphenol	8.692	107	230265	39.634	ng	98
37) 2-Methylnaphthalene	8.851	142	478235	39.285	ng	98
38) 1-Methylnaphthalene	8.951	142	453513	40.485	ng	100
40) 1,2,4,5-Tetrachloroben...	9.016	216	219529	40.198	ng	100
41) Hexachlorocyclopentadiene	9.004	237	109569	45.022	ng	97
43) 2,4,6-Trichlorophenol	9.128	196	147516	40.422	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	169593	39.945	ng		99
46) 1,1'-Biphenyl	9.316	154	585782	40.432	ng		99
47) 2-Chloronaphthalene	9.345	162	418062	40.227	ng		98
48) 2-Nitroaniline	9.439	65	157078	41.327	ng		96
49) Acenaphthylene	9.757	152	727357	40.211	ng		99
50) Dimethylphthalate	9.622	163	519136	38.716	ng		99
51) 2,6-Dinitrotoluene	9.680	165	114435	41.347	ng	#	74
52) Acenaphthene	9.933	154	430972	40.705	ng		98
53) 3-Nitroaniline	9.851	138	131988	39.188	ng		86
54) 2,4-Dinitrophenol	9.957	184	56255	44.339	ng		91
55) Dibenzofuran	10.104	168	652598	40.394	ng		98
56) 4-Nitrophenol	10.010	139	89076	39.187	ng	#	78
57) 2,4-Dinitrotoluene	10.086	165	150302	42.700	ng		99
58) Fluorene	10.445	166	502410	40.665	ng		96
59) 2,3,4,6-Tetrachlorophenol	10.222	232	131424	41.346	ng		97
60) Diethylphthalate	10.322	149	539736	39.550	ng		99
61) 4-Chlorophenyl-phenyle...	10.439	204	245317	40.221	ng		99
62) 4-Nitroaniline	10.469	138	127407	38.581	ng		95
63) Azobenzene	10.598	77	518924	40.167	ng		97
65) 4,6-Dinitro-2-methylph...	10.498	198	79927	49.549	ng		91
66) n-Nitrosodiphenylamine	10.563	169	449048	39.602	ng		99
67) 4-Bromophenyl-phenylether	10.933	248	150887	40.047	ng		91
68) Hexachlorobenzene	10.998	284	154656	39.034	ng		94
69) Atrazine	11.086	200	124235	37.761	ng		96
70) Pentachlorophenol	11.192	266	97095	40.925	ng		97
71) Phenanthrene	11.416	178	682174	39.831	ng		99
72) Anthracene	11.469	178	705912	39.530	ng		99
73) Carbazole	11.621	167	630954	37.936	ng		99
74) Di-n-butylphthalate	11.951	149	787619	36.939	ng		99
75) Fluoranthene	12.610	202	696140	38.276	ng		99
77) Benzidine	12.733	184	205662	35.919	ng		99
78) Pyrene	12.839	202	687555	43.256	ng		99
80) Butylbenzylphthalate	13.463	149	254744	37.963	ng		99
81) Benzo(a)anthracene	14.033	228	460523	39.019	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	147887	37.689	ng		99
83) Chrysene	14.074	228	454514	40.716	ng		97
84) Bis(2-ethylhexyl)phtha...	14.027	149	316684	38.329	ng		98
85) Di-n-octyl phthalate	14.645	149	513452	43.731	ng		99
87) Indeno(1,2,3-cd)pyrene	17.098	276	559800	44.555	ng		99
88) Benzo(b)fluoranthene	15.104	252	435378	39.245	ng		99
89) Benzo(k)fluoranthene	15.133	252	405478	37.521	ng		97
90) Benzo(a)pyrene	15.486	252	422346	41.021	ng		99
91) Dibenzo(a,h)anthracene	17.121	278	456235	43.861	ng		99
92) Benzo(g,h,i)perylene	17.574	276	452226	43.849	ng		98

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

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