Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061923\
Data File : BF133842.D
Acq On : 19 Jun 2023 20:34
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Quant Time: Jun 20 01:34:47 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	105753	20.000	ng		0.00
21) Naphthalene-d8	8.139	136	388393	20.000	ng		0.00
39) Acenaphthene-d10	9.898	164	196080	20.000	ng		0.00
64) Phenanthrene-d10	11.386	188	346842	20.000	ng		0.00
76) Chrysene-d12	14.045	240	166756	20.000	ng		0.00
86) Perylene-d12	15.551	264	201023	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	500214	82.345	ng		0.00
7) Phenol-d6	6.498	99	606757	76.736	ng		0.00
23) Nitrobenzene-d5	7.422	82	582731	81.720	ng		0.00
42) 2,4,6-Tribromophenol	10.692	330	181652	73.187	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	1079732	78.277	ng		0.00
79) Terphenyl-d14	12.986	244	866149	80.371	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	104831	39.253	ng		99
3) Pyridine	3.416	79	270859	34.796	ng		96
4) n-Nitrosodimethylamine	3.375	42	160088	37.206	ng		97
6) Aniline	6.528	93	375483	37.702	ng		99
8) 2-Chlorophenol	6.645	128	254154	39.701	ng		99
9) Benzaldehyde	6.416	77	177957	33.922	ng		99
10) Phenol	6.510	94	320963	38.874	ng		100
11) bis(2-Chloroethyl)ether	6.598	93	237527	38.751	ng		93
12) 1,3-Dichlorobenzene	6.798	146	273830	40.035	ng		98
13) 1,4-Dichlorobenzene	6.875	146	277066	40.078	ng		99
14) 1,2-Dichlorobenzene	7.028	146	257142	41.165	ng		99
15) Benzyl Alcohol	7.004	79	246559	39.924	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.134	45	431015	41.481	ng		99
17) 2-Methylphenol	7.110	107	222419	39.199	ng		99
18) Hexachloroethane	7.369	117	102958	43.503	ng		98
19) n-Nitroso-di-n-propyla...	7.275	70	194338	38.629	ng		99
20) 3+4-Methylphenols	7.263	107	274759	37.223	ng		99
22) Acetophenone	7.269	105	352707	39.594	ng	#	94
24) Nitrobenzene	7.445	77	294808	41.058	ng		97
25) Isophorone	7.681	82	522212	39.890	ng		98
26) 2-Nitrophenol	7.757	139	143717	44.599	ng		98
27) 2,4-Dimethylphenol	7.792	122	226693	40.815	ng		99
28) bis(2-Chloroethoxy)met...	7.886	93	302378	39.964	ng		98
29) 2,4-Dichlorophenol	7.998	162	219173	40.263	ng		99
30) 1,2,4-Trichlorobenzene	8.081	180	230105	40.516	ng		99
31) Naphthalene	8.163	128	748843	39.574	ng		99
32) Benzoic acid	7.910	122	168480	48.097	ng		98
33) 4-Chloroaniline	8.210	127	312316	38.601	ng		99
34) Hexachlorobutadiene	8.275	225	146799	39.478	ng		99
35) Caprolactam	8.586	113	65377	35.692	ng		92
36) 4-Chloro-3-methylphenol	8.692	107	245158	39.072	ng		99
37) 2-Methylnaphthalene	8.851	142	524090	39.862	ng		98
38) 1-Methylnaphthalene	8.951	142	482146	39.852	ng		100
40) 1,2,4,5-Tetrachloroben...	9.016	216	237314	39.811	ng		99
41) Hexachlorocyclopentadiene	9.004	237	123083	46.334	ng		98
43) 2,4,6-Trichlorophenol	9.128	196	158677	39.835	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	187002	40.353	ng		99
46) 1,1'-Biphenyl	9.316	154	628280	39.729	ng		99
47) 2-Chloronaphthalene	9.345	162	457038	40.290	ng		97
48) 2-Nitroaniline	9.439	65	166487	40.130	ng		95
49) Acenaphthylene	9.757	152	773920	39.198	ng		100
50) Dimethylphthalate	9.622	163	547679	37.420	ng		100
51) 2,6-Dinitrotoluene	9.686	165	118682	39.286	ng		90
52) Acenaphthene	9.933	154	455735	39.435	ng		98
53) 3-Nitroaniline	9.857	138	137200	37.320	ng		95
54) 2,4-Dinitrophenol	9.957	184	60085	43.510	ng	#	82
55) Dibenzofuran	10.104	168	692520	39.271	ng		98
56) 4-Nitrophenol	10.010	139	91949	37.060	ng	#	78
57) 2,4-Dinitrotoluene	10.086	165	151483	39.428	ng		96
58) Fluorene	10.451	166	532993	39.523	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	140824	40.588	ng		97
60) Diethylphthalate	10.322	149	564028	37.865	ng		99
61) 4-Chlorophenyl-phenyle...	10.439	204	256287	38.496	ng		98
62) 4-Nitroaniline	10.469	138	124809	34.626	ng		95
63) Azobenzene	10.604	77	535936	38.006	ng		96
65) 4,6-Dinitro-2-methylph...	10.498	198	80932	48.831	ng		85
66) n-Nitrosodiphenylamine	10.563	169	463070	39.747	ng		100
67) 4-Bromophenyl-phenylether	10.933	248	158065	40.831	ng		94
68) Hexachlorobenzene	10.998	284	160456	39.415	ng		96
69) Atrazine	11.086	200	121917	36.066	ng		98
70) Pentachlorophenol	11.192	266	99043	40.630	ng		99
71) Phenanthrene	11.416	178	694802	39.484	ng		99
72) Anthracene	11.469	178	711709	38.789	ng		99
73) Carbazole	11.622	167	616126	36.054	ng		99
74) Di-n-butylphthalate	11.957	149	770910	35.189	ng		99
75) Fluoranthene	12.610	202	654123	35.004	ng		99
77) Benzidine	12.733	184	168442	30.102	ng		99
78) Pyrene	12.839	202	644461	41.487	ng		100
80) Butylbenzylphthalate	13.463	149	243813	37.178	ng		98
81) Benzo(a)anthracene	14.039	228	456276	39.557	ng		98
82) 3,3'-Dichlorobenzidine	13.998	252	149086	38.877	ng		98
83) Chrysene	14.074	228	438599	40.203	ng		98
84) Bis(2-ethylhexyl)phtha...	14.027	149	318784	39.479	ng		99
85) Di-n-octyl phthalate	14.645	149	558693	48.690	ng		99
87) Indeno(1,2,3-cd)pyrene	17.104	276	645476	46.673	ng		99
88) Benzo(b)fluoranthene	15.110	252	462252	37.854	ng		99
89) Benzo(k)fluoranthene	15.139	252	448816	37.731	ng		97
90) Benzo(a)pyrene	15.486	252	460903	40.669	ng		98
91) Dibenzo(a,h)anthracene	17.127	278	534112	46.649	ng		99
92) Benzo(g,h,i)perylene	17.574	276	525760	46.314	ng		96

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

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