Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050223\
Data File : BF133179.D
Acq On : 02 May 2023 09:54
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: May 02 12:08:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 02 10:52:52 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.734	152	210801	20.000	ng		0.00
21) Naphthalene-d8	8.016	136	810149	20.000	ng		0.00
39) Acenaphthene-d10	9.769	164	408451	20.000	ng		0.00
64) Phenanthrene-d10	11.251	188	739807	20.000	ng		0.00
76) Chrysene-d12	13.892	240	524855	20.000	ng		0.00
86) Perylene-d12	15.309	264	463126	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.339	112	1072424	76.850	ng		0.00
7) Phenol-d6	6.375	99	1311055	75.693	ng		0.00
23) Nitrobenzene-d5	7.298	82	1133637	75.530	ng		0.00
42) 2,4,6-Tribromophenol	10.563	330	324043	78.886	ng		0.00
45) 2-Fluorobiphenyl	9.098	172	1878918	76.960	ng		0.00
79) Terphenyl-d14	12.839	244	2133638	70.111	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.381	88	247471	38.233	ng		97
3) Pyridine	3.081	79	677127	39.387	ng		95
4) n-Nitrosodimethylamine	3.040	42	316437	35.536	ng		99
6) Aniline	6.398	93	851503	38.169	ng		98
8) 2-Chlorophenol	6.522	128	546031	38.538	ng		92
9) Benzaldehyde	6.281	77	322702	40.599	ng		98
10) Phenol	6.386	94	702554	36.768	ng		87
11) bis(2-Chloroethyl)ether	6.475	93	533650	37.217	ng		96
12) 1,3-Dichlorobenzene	6.675	146	568343	37.729	ng		98
13) 1,4-Dichlorobenzene	6.751	146	571465	37.852	ng		98
14) 1,2-Dichlorobenzene	6.904	146	531673	38.199	ng		97
15) Benzyl Alcohol	6.881	79	451589	37.744	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.016	45	862480	34.631	ng		97
17) 2-Methylphenol	6.998	107	488416	37.646	ng		99
18) Hexachloroethane	7.245	117	197136	37.558	ng		96
19) n-Nitroso-di-n-propyla...	7.151	70	361063	33.484	ng		97
20) 3+4-Methylphenols	7.151	107	569547	37.277	ng	#	89
22) Acetophenone	7.145	105	704867	37.559	ng		99
24) Nitrobenzene	7.322	77	585152	38.474	ng		97
25) Isophorone	7.557	82	1044353	36.647	ng		99
26) 2-Nitrophenol	7.633	139	302368	41.218	ng		97
27) 2,4-Dimethylphenol	7.681	122	486061	38.641	ng		99
28) bis(2-Chloroethoxy)met...	7.769	93	618319	36.677	ng		99
29) 2,4-Dichlorophenol	7.880	162	450546	39.345	ng		98
30) 1,2,4-Trichlorobenzene	7.963	180	455951	38.434	ng		98
31) Naphthalene	8.039	128	1551284	38.299	ng		99
32) Benzoic acid	7.798	122	275098	35.406	ng		97
33) 4-Chloroaniline	8.092	127	678585	41.464	ng		98
34) Hexachlorobutadiene	8.163	225	250685	38.126	ng		98
35) Caprolactam	8.469	113	162420	42.221	ng	#	83
36) 4-Chloro-3-methylphenol	8.575	107	483857	39.183	ng		99
37) 2-Methylnaphthalene	8.733	142	1044802	37.729	ng		100
38) 1-Methylnaphthalene	8.828	142	984091	37.988	ng		98
40) 1,2,4,5-Tetrachloroben...	8.898	216	418608	38.117	ng		99
41) Hexachlorocyclopentadiene	8.886	237	233915	36.522	ng		99
43) 2,4,6-Trichlorophenol	9.010	196	297744	39.203	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	342672	39.012	ng	98
46) 1,1'-Biphenyl	9.198	154	1238643	38.244	ng	98
47) 2-Chloronaphthalene	9.222	162	914482	38.576	ng	99
48) 2-Nitroaniline	9.316	65	314749	40.173	ng	98
49) Acenaphthylene	9.633	152	1485548	39.218	ng	100
50) Dimethylphthalate	9.498	163	1107399	38.883	ng	99
51) 2,6-Dinitrotoluene	9.557	165	253673	39.573	ng	97
52) Acenaphthene	9.804	154	910344	35.884	ng	99
53) 3-Nitroaniline	9.727	138	320811	42.091	ng	97
54) 2,4-Dinitrophenol	9.833	184	137461	42.662	ng	93
55) Dibenzofuran	9.974	168	1344981	38.865	ng	99
56) 4-Nitrophenol	9.892	139	238645	40.426	ng	94
57) 2,4-Dinitrotoluene	9.963	165	346419	42.376	ng	88
58) Fluorene	10.322	166	990737	39.076	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.098	232	271124	39.815	ng	98
60) Diethylphthalate	10.198	149	1060807	39.433	ng	99
61) 4-Chlorophenyl-phenyle...	10.310	204	471362	38.150	ng	94
62) 4-Nitroaniline	10.339	138	322649	46.058	ng	98
63) Azobenzene	10.474	77	1074618	37.709	ng	97
65) 4,6-Dinitro-2-methylph...	10.369	198	196683	43.862	ng	83
66) n-Nitrosodiphenylamine	10.433	169	904765	37.703	ng	99
67) 4-Bromophenyl-phenylether	10.804	248	300846	37.495	ng	95
68) Hexachlorobenzene	10.869	284	313004	38.070	ng	98
69) Atrazine	10.963	200	280689	40.593	ng	100
70) Pentachlorophenol	11.063	266	221731	37.867	ng	98
71) Phenanthrene	11.280	178	1494615	37.589	ng	99
72) Anthracene	11.327	178	1561461	38.372	ng	99
73) Carbazole	11.486	167	1436310	39.640	ng	99
74) Di-n-butylphthalate	11.821	149	1673350	40.809	ng	99
75) Fluoranthene	12.463	202	1598797	40.064	ng	99
77) Benzidine	12.839	184	26609	2.998	ng	95
78) Pyrene	12.692	202	1631534	36.263	ng	99
80) Butylbenzylphthalate	13.315	149	715906	44.939	ng	97
81) Benzo(a)anthracene	13.880	228	1318082	36.519	ng	100
82) 3,3'-Dichlorobenzidine	13.845	252	441533	44.283	ng	99
83) Chrysene	13.921	228	1336467	37.038	ng	99
84) Bis(2-ethylhexyl)phtha...	13.880	149	807146	40.366	ng	100
85) Di-n-octyl phthalate	14.492	149	1415879	43.426	ng	98
87) Indeno(1,2,3-cd)pyrene	16.692	276	1053842	40.004	ng	100
88) Benzo(b)fluoranthene	14.904	252	1196114	40.596	ng	98
89) Benzo(k)fluoranthene	14.933	252	1053304	36.064	ng	98
90) Benzo(a)pyrene	15.251	252	1027877	38.328	ng	99
91) Dibenzo(a,h)anthracene	16.709	278	870179	39.604	ng	99
92) Benzo(g,h,i)perylene	17.109	276	878295	40.490	ng	99

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

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