Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071823\
Data File : BF134335.D
Acq On : 18 Jul 2023 12:43
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jul 18 13:12:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 22:51:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	76114	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	279761	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	144206	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	282233	20.000	ng	0.00
76) Chrysene-d12	14.045	240	212645	20.000	ng	0.00
86) Perylene-d12	15.545	264	191328	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	365758	80.383	ng	0.00
7) Phenol-d6	6.486	99	444813	79.490	ng	0.00
23) Nitrobenzene-d5	7.410	82	428103	82.488	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	157994	87.383	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	836081	84.294	ng	0.00
79) Terphenyl-d14	12.974	244	965810	73.098	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.598	88	83722	44.624	ng	95
3) Pyridine	3.387	79	186799	38.224	ng	94
4) n-Nitrosodimethylamine	3.351	42	106012	37.982	ng	97
6) Aniline	6.510	93	267329	39.259	ng	91
8) 2-Chlorophenol	6.633	128	185607	40.183	ng	95
9) Benzaldehyde	6.398	77	127341	41.952	ng	99
10) Phenol	6.498	94	231829	39.403	ng	85
11) bis(2-Chloroethyl)ether	6.581	93	164754	38.035	ng	99
12) 1,3-Dichlorobenzene	6.781	146	195011	39.601	ng	98
13) 1,4-Dichlorobenzene	6.857	146	198232	39.855	ng	97
14) 1,2-Dichlorobenzene	7.010	146	191818	41.178	ng	100
15) Benzyl Alcohol	6.986	79	181757	42.133	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.116	45	256173	33.429	ng	87
17) 2-Methylphenol	7.098	107	161622	39.075	ng	95
18) Hexachloroethane	7.345	117	77759	42.163	ng	94
19) n-Nitroso-di-n-propyla...	7.257	70	138781	39.108	ng	97
20) 3+4-Methylphenols	7.257	107	209419	41.734	ng	95
22) Acetophenone	7.251	105	265760	41.770	ng	97
24) Nitrobenzene	7.428	77	214476	40.896	ng	96
25) Isophorone	7.663	82	372092	39.449	ng	99
26) 2-Nitrophenol	7.739	139	103430	41.111	ng	93
27) 2,4-Dimethylphenol	7.780	122	161274	40.497	ng	97
28) bis(2-Chloroethoxy)met...	7.869	93	213224	39.041	ng	99
29) 2,4-Dichlorophenol	7.986	162	159851	40.479	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	170438	41.828	ng	99
31) Naphthalene	8.145	128	543111	40.191	ng	99
32) Benzoic acid	7.910	122	114714	38.441	ng	94
33) 4-Chloroaniline	8.198	127	231696	40.082	ng	97
34) Hexachlorobutadiene	8.257	225	113124	44.011	ng	98
35) Caprolactam	8.580	113	49014	37.695	ng	93
36) 4-Chloro-3-methylphenol	8.680	107	182603	41.161	ng	92
37) 2-Methylnaphthalene	8.833	142	382876	40.066	ng	100
38) 1-Methylnaphthalene	8.933	142	356002	40.073	ng	100
40) 1,2,4,5-Tetrachloroben...	9.004	216	178746	41.838	ng	99
41) Hexachlorocyclopentadiene	8.980	237	86017	42.438	ng	97
43) 2,4,6-Trichlorophenol	9.116	196	115950	39.868	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	133410	38.997	ng		97
46) 1,1'-Biphenyl	9.298	154	462489	39.981	ng		99
47) 2-Chloronaphthalene	9.327	162	337445	39.870	ng		97
48) 2-Nitroaniline	9.427	65	121564	39.410	ng		96
49) Acenaphthylene	9.745	152	564184	39.022	ng		99
50) Dimethylphthalate	9.604	163	414415	39.589	ng		100
51) 2,6-Dinitrotoluene	9.674	165	89162	39.546	ng		98
52) Acenaphthene	9.916	154	334106	39.825	ng		99
53) 3-Nitroaniline	9.845	138	102378	37.850	ng		98
54) 2,4-Dinitrophenol	9.957	184	49464	40.018	ng		92
55) Dibenzofuran	10.086	168	516319	39.380	ng		96
56) 4-Nitrophenol	10.016	139	61531	32.522	ng		94
57) 2,4-Dinitrotoluene	10.080	165	119353	40.085	ng	#	85
58) Fluorene	10.433	166	414812	40.666	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	105311	39.026	ng		98
60) Diethylphthalate	10.304	149	439056	40.258	ng		99
61) 4-Chlorophenyl-phenyle...	10.421	204	202137	41.120	ng		95
62) 4-Nitroaniline	10.463	138	104451	38.318	ng		93
63) Azobenzene	10.586	77	400539	38.826	ng		97
65) 4,6-Dinitro-2-methylph...	10.498	198	65372	42.485	ng		95
66) n-Nitrosodiphenylamine	10.545	169	355554	39.430	ng		99
67) 4-Bromophenyl-phenylether	10.916	248	126418	42.142	ng		96
68) Hexachlorobenzene	10.986	284	136516	42.861	ng		94
69) Atrazine	11.074	200	101326	40.623	ng		96
70) Pentachlorophenol	11.186	266	67745	35.573	ng		94
71) Phenanthrene	11.404	178	574645	40.445	ng		99
72) Anthracene	11.457	178	602814	40.791	ng		99
73) Carbazole	11.616	167	556499	41.142	ng		100
74) Di-n-butylphthalate	11.939	149	689560	42.868	ng		100
75) Fluoranthene	12.598	202	652722	42.494	ng		98
77) Benzidine	12.721	184	214875	42.468	ng		99
78) Pyrene	12.833	202	687034	34.717	ng		99
80) Butylbenzylphthalate	13.451	149	290373	39.123	ng		99
81) Benzo(a)anthracene	14.033	228	575982	39.057	ng		99
82) 3,3'-Dichlorobenzidine	13.992	252	184188	39.422	ng		98
83) Chrysene	14.068	228	543273	38.034	ng		100
84) Bis(2-ethylhexyl)phtha...	14.009	149	402275	47.169	ng		98
85) Di-n-octyl phthalate	14.633	149	605190	48.295	ng		98
87) Indeno(1,2,3-cd)pyrene	17.109	276	501660	37.786	ng		95
88) Benzo(b)fluoranthene	15.104	252	457872	40.699	ng		98
89) Benzo(k)fluoranthene	15.133	252	478314	41.758	ng		97
90) Benzo(a)pyrene	15.486	252	440636	40.504	ng	#	98
91) Dibenzo(a,h)anthracene	17.121	278	413293	38.113	ng	#	96
92) Benzo(g,h,i)perylene	17.580	276	412756	36.910	ng		96

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

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