Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081624\
Data File : BF139049.D
Acq On : 16 Aug 2024 10:14
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Aug 16 11:05:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.840	152	62968	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	249711	20.000	ng		0.00
39) Acenaphthene-d10	9.875	164	137022	20.000	ng		0.00
64) Phenanthrene-d10	11.357	188	227673	20.000	ng		-0.01
76) Chrysene-d12	14.004	240	105031	20.000	ng	#	0.00
86) Perylene-d12	15.468	264	114377	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	321636	78.849	ng		0.00
7) Phenol-d6	6.493	99	428675	78.273	ng		0.00
23) Nitrobenzene-d5	7.410	82	433472	84.870	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	88212	78.593	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	767825	84.195	ng		-0.01
79) Terphenyl-d14	12.939	244	533878	85.104	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.581	88	65007	36.401	ng		96
3) Pyridine	3.340	79	161111	37.241	ng		92
4) n-Nitrosodimethylamine	3.316	42	114727	44.527	ng		82
6) Aniline	6.510	93	189632	38.826	ng	#	62
8) 2-Chlorophenol	6.634	128	166734	38.850	ng		99
9) Benzaldehyde	6.398	77	118638	36.137	ng		99
10) Phenol	6.504	94	219260	38.024	ng	#	75
11) bis(2-Chloroethyl)ether	6.581	93	164212	37.007	ng		100
12) 1,3-Dichlorobenzene	6.775	146	188497	39.237	ng		98
13) 1,4-Dichlorobenzene	6.857	146	190376	39.267	ng		98
14) 1,2-Dichlorobenzene	7.010	146	182703	40.323	ng		99
15) Benzyl Alcohol	6.993	79	167236	42.367	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.110	45	283442	37.117	ng	#	45
17) 2-Methylphenol	7.104	107	138355	39.041	ng	#	88
18) Hexachloroethane	7.345	117	74111	40.610	ng		97
19) n-Nitroso-di-n-propyla...	7.257	70	136129	41.154	ng		96
20) 3+4-Methylphenols	7.263	107	186191	40.949	ng	#	79
22) Acetophenone	7.257	105	258017	42.200	ng		97
24) Nitrobenzene	7.428	77	214085	41.192	ng		100
25) Isophorone	7.669	82	354832	40.686	ng		98
26) 2-Nitrophenol	7.740	139	92441	41.342	ng		92
27) 2,4-Dimethylphenol	7.781	122	107303	40.109	ng		96
28) bis(2-Chloroethoxy)met...	7.869	93	209896	39.521	ng		99
29) 2,4-Dichlorophenol	7.992	162	141784	41.243	ng		99
30) 1,2,4-Trichlorobenzene	8.063	180	160776	40.526	ng		99
31) Naphthalene	8.145	128	528119	40.179	ng		100
32) Benzoic acid	7.945	122	72420m	34.437	ng		
33) 4-Chloroaniline	8.198	127	171404	38.848	ng		96
34) Hexachlorobutadiene	8.251	225	105864	44.056	ng		97
35) Caprolactam	8.587	113	43236m	42.150	ng		
36) 4-Chloro-3-methylphenol	8.687	107	163681	41.662	ng		98
37) 2-Methylnaphthalene	8.828	142	340362	41.002	ng		100
38) 1-Methylnaphthalene	8.928	142	332709	40.902	ng		98
40) 1,2,4,5-Tetrachloroben...	8.998	216	156178	41.031	ng		100
41) Hexachlorocyclopentadiene	8.975	237	32737	36.631	ng		98
43) 2,4,6-Trichlorophenol	9.116	196	90860	39.151	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	98486	38.819	ng		99
46) 1,1'-Biphenyl	9.292	154	439705	40.974	ng		98
47) 2-Chloronaphthalene	9.322	162	318873	39.953	ng		99
48) 2-Nitroaniline	9.428	65	113063	41.786	ng		96
49) Acenaphthylene	9.734	152	453457	40.059	ng		100
50) Dimethylphthalate	9.598	163	368989	42.115	ng		100
51) 2,6-Dinitrotoluene	9.669	165	83446	42.202	ng		87
52) Acenaphthene	9.910	154	301111	39.571	ng		99
53) 3-Nitroaniline	9.839	138	80232	39.251	ng		93
54) 2,4-Dinitrophenol	9.957	184	37359	41.045	ng	#	78
55) Dibenzofuran	10.081	168	432726	40.286	ng		97
56) 4-Nitrophenol	10.022	139	45688	37.169	ng		88
57) 2,4-Dinitrotoluene	10.075	165	107926	42.782	ng	#	77
58) Fluorene	10.422	166	353173	41.289	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	72538	37.398	ng		93
60) Diethylphthalate	10.292	149	361383	43.502	ng		100
61) 4-Chlorophenyl-phenyle...	10.410	204	175925	41.818	ng		96
62) 4-Nitroaniline	10.457	138	76973m	39.626	ng		
63) Azobenzene	10.569	77	383027	41.572	ng		95
65) 4,6-Dinitro-2-methylph...	10.492	198	57299	41.252	ng		98
66) n-Nitrosodiphenylamine	10.534	169	292203	41.060	ng		100
67) 4-Bromophenyl-phenylether	10.898	248	100606	40.814	ng		95
68) Hexachlorobenzene	10.969	284	103036	40.484	ng		98
69) Atrazine	11.057	200	64375	35.061	ng		99
70) Pentachlorophenol	11.175	266	39544	34.470	ng		98
71) Phenanthrene	11.386	178	468646	39.975	ng		100
72) Anthracene	11.439	178	464138	40.188	ng		99
73) Carbazole	11.598	167	395975	39.741	ng		100
74) Di-n-butylphthalate	11.910	149	506144	45.187	ng		99
75) Fluoranthene	12.575	202	417649	38.161	ng		98
77) Benzidine	12.698	184	99545	39.625	ng		99
78) Pyrene	12.804	202	412208	41.683	ng		99
80) Butylbenzylphthalate	13.410	149	138648	43.783	ng		100
81) Benzo(a)anthracene	13.992	228	282588	39.071	ng		99
82) 3,3'-Dichlorobenzidine	13.951	252	77868	42.071	ng		99
83) Chrysene	14.027	228	265018	40.614	ng		99
84) Bis(2-ethylhexyl)phtha...	13.963	149	178456	38.484	ng		98
85) Di-n-octyl phthalate	14.574	149	313261	36.513	ng		99
87) Indeno(1,2,3-cd)pyrene	16.951	276	303005	36.967	ng		96
88) Benzo(b)fluoranthene	15.039	252	289113	40.776	ng		99
89) Benzo(k)fluoranthene	15.069	252	239814	39.065	ng		98
90) Benzo(a)pyrene	15.410	252	240490	40.324	ng		98
91) Dibenzo(a,h)anthracene	16.957	278	249171	37.033	ng		96
92) Benzo(g,h,i)perylene	17.398	276	249615	35.751	ng		95

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

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