Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080924\
Data File : BF138879.D
Acq On : 09 Aug 2024 09:48
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024

Quant Time: Aug 09 10:52:44 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	6.845	152	65310	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	265298	20.000	ng		0.00
39) Acenaphthene-d10	9.880	164	151080	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	254940	20.000	ng		0.00
76) Chrysene-d12	14.004	240	120643	20.000	ng	#	0.00
86) Perylene-d12	15.462	264	111360	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	327221	77.341	ng		0.00
7) Phenol-d6	6.492	99	441036	77.642	ng		0.00
23) Nitrobenzene-d5	7.416	82	440205	81.125	ng		0.00
42) 2,4,6-Tribromophenol	10.674	330	105999	85.652	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	825374	82.084	ng		0.00
79) Terphenyl-d14	12.945	244	674631	93.624	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.599	88	61050	32.959	ng		96
3) Pyridine	3.357	79	155693	34.698	ng		97
4) n-Nitrosodimethylamine	3.334	42	110982	41.529	ng		85
6) Aniline	6.510	93	195305	38.553	ng	#	42
8) 2-Chlorophenol	6.634	128	177941	39.975	ng		99
9) Benzaldehyde	6.398	77	108515	31.868	ng		100
10) Phenol	6.510	94	230807	38.591	ng		78
11) bis(2-Chloroethyl)ether	6.587	93	172259	37.428	ng		98
12) 1,3-Dichlorobenzene	6.787	146	195964	39.328	ng		99
13) 1,4-Dichlorobenzene	6.863	146	198050	39.385	ng		99
14) 1,2-Dichlorobenzene	7.016	146	191541	40.758	ng		100
15) Benzyl Alcohol	6.992	79	174054	42.513	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.116	45	278655	35.181	ng		54
17) 2-Methylphenol	7.110	107	142043	38.644	ng	#	89
18) Hexachloroethane	7.351	117	76517	40.424	ng		98
19) n-Nitroso-di-n-propyla...	7.263	70	141939	41.371	ng		98
20) 3+4-Methylphenols	7.263	107	191899	40.691	ng	#	90
22) Acetophenone	7.257	105	265553	40.881	ng	#	98
24) Nitrobenzene	7.434	77	222112	40.226	ng		99
25) Isophorone	7.669	82	365563	39.454	ng		98
26) 2-Nitrophenol	7.745	139	97900	41.211	ng		95
27) 2,4-Dimethylphenol	7.786	122	111210	39.127	ng		97
28) bis(2-Chloroethoxy)met...	7.875	93	218905	38.796	ng		99
29) 2,4-Dichlorophenol	7.992	162	150623	41.240	ng		100
30) 1,2,4-Trichlorobenzene	8.063	180	168914	40.076	ng		99
31) Naphthalene	8.145	128	553926	39.667	ng		100
32) Benzoic acid	7.945	122	79011	35.363	ng		93
33) 4-Chloroaniline	8.204	127	173813	37.080	ng		98
34) Hexachlorobutadiene	8.257	225	106581	41.748	ng		99
35) Caprolactam	8.598	113	45794m	42.020	ng		
36) 4-Chloro-3-methylphenol	8.692	107	175226	41.980	ng		99
37) 2-Methylnaphthalene	8.833	142	363449	41.211	ng		99
38) 1-Methylnaphthalene	8.933	142	351793	40.707	ng		98
40) 1,2,4,5-Tetrachloroben...	9.004	216	168508	40.151	ng		99
41) Hexachlorocyclopentadiene	8.980	237	51121	48.979	ng		99
43) 2,4,6-Trichlorophenol	9.122	196	99909	39.044	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	110978	39.672	ng		100
46) 1,1'-Biphenyl	9.304	154	461730	39.023	ng		99
47) 2-Chloronaphthalene	9.328	162	343772	39.064	ng		99
48) 2-Nitroaniline	9.433	65	120246	40.306	ng		99
49) Acenaphthylene	9.739	152	490451	39.295	ng		100
50) Dimethylphthalate	9.604	163	397073	41.104	ng		100
51) 2,6-Dinitrotoluene	9.675	165	89744	41.164	ng		91
52) Acenaphthene	9.916	154	326651	38.933	ng		100
53) 3-Nitroaniline	9.845	138	89775	39.833	ng		97
54) 2,4-Dinitrophenol	9.957	184	45402	45.240	ng	#	83
55) Dibenzofuran	10.086	168	476936	40.270	ng		99
56) 4-Nitrophenol	10.022	139	57826	42.666	ng		91
57) 2,4-Dinitrotoluene	10.080	165	120107	43.181	ng	#	83
58) Fluorene	10.427	166	392206	41.585	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	87762m	41.037	ng		
60) Diethylphthalate	10.298	149	402355	43.927	ng		99
61) 4-Chlorophenyl-phenyle...	10.416	204	193596	41.737	ng		97
62) 4-Nitroaniline	10.463	138	88058	41.114	ng		89
63) Azobenzene	10.580	77	412159	40.571	ng		98
65) 4,6-Dinitro-2-methylph...	10.492	198	64538	41.494	ng		94
66) n-Nitrosodiphenylamine	10.539	169	321358	40.327	ng		100
67) 4-Bromophenyl-phenylether	10.904	248	111018	40.221	ng		96
68) Hexachlorobenzene	10.974	284	114946	40.333	ng		99
69) Atrazine	11.063	200	79675	38.753	ng		96
70) Pentachlorophenol	11.174	266	58263	45.355	ng		98
71) Phenanthrene	11.392	178	526719	40.124	ng		100
72) Anthracene	11.445	178	519957	40.206	ng		100
73) Carbazole	11.598	167	462567	41.459	ng		99
74) Di-n-butylphthalate	11.916	149	599976	47.835	ng		99
75) Fluoranthene	12.574	202	517334	42.213	ng		99
77) Benzidine	12.698	184	114954	39.838	ng		99
78) Pyrene	12.804	202	522241	45.976	ng		99
80) Butylbenzylphthalate	13.415	149	169955	46.724	ng		97
81) Benzo(a)anthracene	13.992	228	326447	39.294	ng		99
82) 3,3'-Dichlorobenzidine	13.951	252	83780	39.408	ng		98
83) Chrysene	14.027	228	299773	39.995	ng		99
84) Bis(2-ethylhexyl)phtha...	13.968	149	201833	37.893	ng		99
85) Di-n-octyl phthalate	14.580	149	337677	34.265	ng		100
87) Indeno(1,2,3-cd)pyrene	16.939	276	302261	37.875	ng		96
88) Benzo(b)fluoranthene	15.039	252	281311	40.751	ng		98
89) Benzo(k)fluoranthene	15.068	252	257413	43.068	ng		98
90) Benzo(a)pyrene	15.404	252	235833	40.615	ng		98
91) Dibenzo(a,h)anthracene	16.951	278	249401	38.071	ng		97
92) Benzo(g,h,i)perylene	17.380	276	247476	36.405	ng		96

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

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