Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111824\
Data File : BF140456.D
Acq On : 18 Nov 2024 16:14
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 18 16:54:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	136246	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	509583	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	277583	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	499315	20.000	ng		0.00
76) Chrysene-d12	14.045	240	237967	20.000	ng		0.00
86) Perylene-d12	15.533	264	262467	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	624243	78.228	ng		0.00
7) Phenol-d6	6.516	99	827312	76.523	ng		0.01
23) Nitrobenzene-d5	7.440	82	756781	77.378	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	217782	78.897	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	1384472	80.178	ng		0.00
79) Terphenyl-d14	12.986	244	1213657	88.527	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.622	88	140046	39.377	ng		99
3) Pyridine	3.393	79	349628	39.987	ng		100
4) n-Nitrosodimethylamine	3.346	42	165340	37.415	ng		96
6) Aniline	6.540	93	355746	37.826	ng	#	79
8) 2-Chlorophenol	6.663	128	338750	39.519	ng		100
9) Benzaldehyde	6.428	77	237949	36.723	ng		98
10) Phenol	6.528	94	428199	37.557	ng		86
11) bis(2-Chloroethyl)ether	6.610	93	337557	39.074	ng		99
12) 1,3-Dichlorobenzene	6.816	146	372932	39.432	ng		99
13) 1,4-Dichlorobenzene	6.893	146	376322	39.242	ng		99
14) 1,2-Dichlorobenzene	7.045	146	353534	39.711	ng		99
15) Benzyl Alcohol	7.016	79	294681	37.832	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	445096	37.301	ng		78
17) 2-Methylphenol	7.134	107	271774	38.542	ng		96
18) Hexachloroethane	7.387	117	141103	39.800	ng		98
19) n-Nitroso-di-n-propyla...	7.287	70	240338	36.807	ng		100
20) 3+4-Methylphenols	7.287	107	335833	38.083	ng		93
22) Acetophenone	7.281	105	459088	38.736	ng		99
24) Nitrobenzene	7.457	77	396839	38.971	ng		100
25) Isophorone	7.692	82	655987	37.845	ng		99
26) 2-Nitrophenol	7.769	139	182046	40.286	ng		98
27) 2,4-Dimethylphenol	7.810	122	226104m	39.083	ng		
28) bis(2-Chloroethoxy)met...	7.898	93	417918	39.320	ng		99
29) 2,4-Dichlorophenol	8.016	162	285306	39.904	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	314018	39.449	ng		100
31) Naphthalene	8.175	128	1018127	39.386	ng		100
32) Benzoic acid	7.928	122	194193	38.147	ng		96
33) 4-Chloroaniline	8.228	127	311777	34.681	ng		99
34) Hexachlorobutadiene	8.292	225	201342	39.699	ng		99
35) Caprolactam	8.592	113	89596	37.703	ng		95
36) 4-Chloro-3-methylphenol	8.710	107	307614	38.824	ng		99
37) 2-Methylnaphthalene	8.869	142	648814	39.143	ng		100
38) 1-Methylnaphthalene	8.969	142	628309	38.709	ng		100
40) 1,2,4,5-Tetrachloroben...	9.034	216	312136	40.663	ng		99
41) Hexachlorocyclopentadiene	9.016	237	72244	36.656	ng		98
43) 2,4,6-Trichlorophenol	9.145	196	197955	39.296	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	223021	40.493	ng	97
46) 1,1'-Biphenyl	9.334	154	812318	40.225	ng	100
47) 2-Chloronaphthalene	9.357	162	612381	39.809	ng	99
48) 2-Nitroaniline	9.457	65	194150	38.056	ng	97
49) Acenaphthylene	9.775	152	930572	39.982	ng	99
50) Dimethylphthalate	9.628	163	716361	39.593	ng	100
51) 2,6-Dinitrotoluene	9.698	165	165584	40.144	ng	95
52) Acenaphthene	9.945	154	622768	39.616	ng	99
53) 3-Nitroaniline	9.869	138	161576	37.300	ng	100
54) 2,4-Dinitrophenol	9.975	184	77413	36.394	ng	97
55) Dibenzofuran	10.116	168	889015	39.949	ng	99
56) 4-Nitrophenol	10.034	139	105471	33.380	ng	98
57) 2,4-Dinitrotoluene	10.098	165	215402	39.679	ng	98
58) Fluorene	10.463	166	695165	39.543	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	173966	40.004	ng	97
60) Diethylphthalate	10.328	149	729600	39.436	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	345527	39.811	ng	99
62) 4-Nitroaniline	10.481	138	158380	35.758	ng	96
63) Azobenzene	10.610	77	704683	38.549	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	112851	42.008	ng	98
66) n-Nitrosodiphenylamine	10.569	169	591185	40.978	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	208260	41.725	ng	99
68) Hexachlorobenzene	11.010	284	231427	41.210	ng	97
69) Atrazine	11.092	200	151187	34.638	ng	99
70) Pentachlorophenol	11.210	266	115335	38.127	ng	98
71) Phenanthrene	11.428	178	921638	39.293	ng	100
72) Anthracene	11.475	178	907505	39.477	ng	99
73) Carbazole	11.633	167	841479	37.072	ng	100
74) Di-n-butylphthalate	11.957	149	1061556	38.966	ng	100
75) Fluoranthene	12.616	202	931619	35.402	ng	100
77) Benzidine	12.739	184	299390	32.780	ng	100
78) Pyrene	12.845	202	912508	44.830	ng	100
80) Butylbenzylphthalate	13.457	149	309015	39.519	ng	97
81) Benzo(a)anthracene	14.033	228	610735	39.050	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	207285	41.698	ng	99
83) Chrysene	14.069	228	574000	40.224	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	387777	37.154	ng	99
85) Di-n-octyl phthalate	14.633	149	576390	39.211	ng	99
87) Indeno(1,2,3-cd)pyrene	17.039	276	705996	43.544	ng	100
88) Benzo(b)fluoranthene	15.098	252	572592	33.350	ng	100
89) Benzo(k)fluoranthene	15.127	252	557258	39.730	ng	99
90) Benzo(a)pyrene	15.468	252	523093	39.233	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	589941	44.020	ng	99
92) Benzo(g,h,i)perylene	17.492	276	593802	43.340	ng	98

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

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