Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010524\
Data File : BF136967.D
Acq On : 05 Jan 2024 10:16
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 05 10:50:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 01/06/2024
Supervised By :mohammad ahmed 01/06/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	75943	20.000	ng		0.00
21) Naphthalene-d8	8.063	136	284941	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	142739	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	256194	20.000	ng		0.00
76) Chrysene-d12	13.974	240	133421	20.000	ng		0.00
86) Perylene-d12	15.463	264	144248	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	393101	80.764	ng		0.00
7) Phenol-d6	6.445	99	487436	77.288	ng		0.00
23) Nitrobenzene-d5	7.357	82	443356	79.620	ng		0.00
42) 2,4,6-Tribromophenol	10.622	330	126480	75.238	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	869367	81.918	ng		0.00
79) Terphenyl-d14	12.910	244	768146	80.457	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.540	88	81758	40.315	ng		95
3) Pyridine	3.305	79	195032	39.416	ng		96
4) n-Nitrosodimethylamine	3.287	42	98051	37.107	ng		96
6) Aniline	6.457	93	229422	36.384	ng	#	26
8) 2-Chlorophenol	6.581	128	212798	39.952	ng		96
9) Benzaldehyde	6.345	77	133589	37.239	ng		98
10) Phenol	6.457	94	255049	37.883	ng		91
11) bis(2-Chloroethyl)ether	6.528	93	197854	38.643	ng		99
12) 1,3-Dichlorobenzene	6.728	146	233035	40.106	ng		98
13) 1,4-Dichlorobenzene	6.804	146	235131	39.604	ng		97
14) 1,2-Dichlorobenzene	6.957	146	220360	39.888	ng		99
15) Benzyl Alcohol	6.940	79	161045	37.850	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	310321	37.072	ng		76
17) 2-Methylphenol	7.051	107	166906	37.825	ng		96
18) Hexachloroethane	7.292	117	85923	39.850	ng		91
19) n-Nitroso-di-n-propyla...	7.204	70	145773	38.129	ng		95
20) 3+4-Methylphenols	7.210	107	214975	38.997	ng	#	54
22) Acetophenone	7.198	105	291609	40.830	ng	#	89
24) Nitrobenzene	7.375	77	223722	40.107	ng		93
25) Isophorone	7.610	82	395309	39.015	ng		99
26) 2-Nitrophenol	7.687	139	114489	42.899	ng		98
27) 2,4-Dimethylphenol	7.728	122	133876	41.204	ng		95
28) bis(2-Chloroethoxy)met...	7.816	93	247556	40.195	ng		100
29) 2,4-Dichlorophenol	7.934	162	171047	40.891	ng		96
30) 1,2,4-Trichlorobenzene	8.004	180	191685	41.129	ng		98
31) Naphthalene	8.087	128	638732	40.803	ng		99
32) Benzoic acid	7.875	122	119275m	37.941	ng		
33) 4-Chloroaniline	8.139	127	222147	38.436	ng		98
34) Hexachlorobutadiene	8.198	225	117377	41.452	ng		98
35) Caprolactam	8.528	113	57609	41.748	ng		91
36) 4-Chloro-3-methylphenol	8.634	107	179746	38.170	ng		99
37) 2-Methylnaphthalene	8.781	142	401047	39.809	ng		100
38) 1-Methylnaphthalene	8.881	142	394765	39.941	ng		99
40) 1,2,4,5-Tetrachloroben...	8.945	216	189664	42.905	ng		100
41) Hexachlorocyclopentadiene	8.928	237	63874	47.441	ng		98
43) 2,4,6-Trichlorophenol	9.063	196	114060	40.233	ng		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	128033	40.527	ng	99
46) 1,1'-Biphenyl	9.245	154	490418	40.943	ng	98
47) 2-Chloronaphthalene	9.269	162	376298	41.325	ng	100
48) 2-Nitroaniline	9.375	65	108539	38.064	ng	96
49) Acenaphthylene	9.686	152	557229	40.036	ng	100
50) Dimethylphthalate	9.545	163	403041	38.657	ng	99
51) 2,6-Dinitrotoluene	9.616	165	92123	38.933	ng	91
52) Acenaphthene	9.857	154	341599	39.594	ng	99
53) 3-Nitroaniline	9.786	138	91387	36.459	ng	99
54) 2,4-Dinitrophenol	9.904	184	47944	38.588	ng	96
55) Dibenzofuran	10.028	168	510350	39.023	ng	99
56) 4-Nitrophenol	9.969	139	58360	34.490	ng	97
57) 2,4-Dinitrotoluene	10.028	165	113222	36.859	ng	94
58) Fluorene	10.375	166	407269	39.247	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	87585	36.015	ng	97
60) Diethylphthalate	10.251	149	408509	37.763	ng	97
61) 4-Chlorophenyl-phenyle...	10.363	204	199375	39.527	ng	99
62) 4-Nitroaniline	10.410	138	84394m	34.926	ng	
63) Azobenzene	10.528	77	374879	37.103	ng	97
65) 4,6-Dinitro-2-methylph...	10.439	198	58247	39.671	ng	85
66) n-Nitrosodiphenylamine	10.486	169	346657	41.654	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	120016	42.182	ng	98
68) Hexachlorobenzene	10.928	284	136111	42.927	ng	92
69) Atrazine	11.022	200	81877	38.465	ng	98
70) Pentachlorophenol	11.128	266	56795	38.429	ng	98
71) Phenanthrene	11.339	178	524641	39.910	ng	99
72) Anthracene	11.392	178	524828	39.423	ng	99
73) Carbazole	11.557	167	485525	38.682	ng	99
74) Di-n-butylphthalate	11.880	149	607005	39.632	ng	100
75) Fluoranthene	12.533	202	521934	37.119	ng	97
77) Benzidine	12.663	184	180200	45.806	ng	99
78) Pyrene	12.769	202	520994	39.778	ng	99
80) Butylbenzylphthalate	13.386	149	192939	40.484	ng	97
81) Benzo(a)anthracene	13.963	228	374835	40.459	ng	98
82) 3,3'-Dichlorobenzidine	13.927	252	114218	43.411	ng	95
83) Chrysene	14.004	228	356179	39.314	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	265645	44.302	ng	100
85) Di-n-octyl phthalate	14.568	149	436425	47.052	ng	99
87) Indeno(1,2,3-cd)pyrene	16.986	276	443195	42.554	ng	99
88) Benzo(b)fluoranthene	15.027	252	355393	36.888	ng	100
89) Benzo(k)fluoranthene	15.057	252	343066	37.684	ng	99
90) Benzo(a)pyrene	15.398	252	319127	39.241	ng	98
91) Dibenzo(a,h)anthracene	17.004	278	363523	42.545	ng	97
92) Benzo(g,h,i)perylene	17.451	276	369218	42.190	ng	98

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

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