Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
Data File : BF136807.D
Acq On : 28 Dec 2023 22:23
Operator : CG\JU
Sample : 05914-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 28 23:31:55 2023
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 :
72-12000MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel
12/29/2023
Supervised By :mohammad ahmed
12/29/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.781	152	83828	20.000	ng		-0.01
21) Naphthalene-d8	8.057	136	315847	20.000	ng		-0.01
39) Acenaphthene-d10	9.816	164	148855	20.000	ng		-0.01
64) Phenanthrene-d10	11.310	188	242443	20.000	ng		0.00
76) Chrysene-d12	13.968	240	158749	20.000	ng	#	0.00
86) Perylene-d12	15.445	264	173366	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	466197	86.773	ng		0.00
7) Phenol-d6	6.434	99	584307	83.933	ng		0.00
23) Nitrobenzene-d5	7.345	82	366390	59.360	ng		-0.01
42) 2,4,6-Tribromophenol	10.616	330	139095	79.342	ng		0.00
45) 2-Fluorobiphenyl	9.139	172	697169	62.993	ng		-0.01
79) Terphenyl-d14	12.904	244	548901	48.320	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.599	88	75839	33.879	ng		97
3) Pyridine	3.363	79	182774	33.464	ng		95
4) n-Nitrosodimethylamine	3.328	42	108467	37.188	ng		96
6) Aniline	6.451	93	193026	27.733	ng	#	55
8) 2-Chlorophenol	6.575	128	223348	37.988	ng		92
9) Benzaldehyde	6.334	77	56969	14.387	ng		95
10) Phenol	6.445	94	268265	36.098	ng		93
11) bis(2-Chloroethyl)ether	6.522	93	209856	37.132	ng		97
12) 1,3-Dichlorobenzene	6.722	146	232182	36.200	ng		99
13) 1,4-Dichlorobenzene	6.798	146	232657	35.501	ng		97
14) 1,2-Dichlorobenzene	6.951	146	223174	36.597	ng		98
15) Benzyl Alcohol	6.934	79	182789	38.920	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.057	45	331138	35.837	ng		92
17) 2-Methylphenol	7.045	107	174379	35.802	ng		99
18) Hexachloroethane	7.287	117	83794	35.207	ng		97
19) n-Nitroso-di-n-propyla...	7.198	70	149980	35.540	ng		97
20) 3+4-Methylphenols	7.198	107	218564	35.918	ng	#	78
22) Acetophenone	7.192	105	310898	39.271	ng		94
24) Nitrobenzene	7.369	77	226466	36.627	ng		95
25) Isophorone	7.604	82	409605	36.470	ng		100
26) 2-Nitrophenol	7.681	139	115963	39.200	ng		98
27) 2,4-Dimethylphenol	7.722	122	159383	44.254	ng		98
28) bis(2-Chloroethoxy)met...	7.816	93	255045	37.359	ng		99
29) 2,4-Dichlorophenol	7.928	162	175191	37.784	ng		95
30) 1,2,4-Trichlorobenzene	8.004	180	194219	37.595	ng		100
31) Naphthalene	8.081	128	637398	36.734	ng		100
32) Benzoic acid	7.857	122	113493	32.569	ng		93
33) 4-Chloroaniline	8.134	127	102186	15.950	ng		96
34) Hexachlorobutadiene	8.192	225	110074	35.070	ng		98
35) Caprolactam	8.516	113	56891m	37.193	ng		
36) 4-Chloro-3-methylphenol	8.628	107	187519	35.924	ng		99
37) 2-Methylnaphthalene	8.775	142	393706	35.256	ng		99
38) 1-Methylnaphthalene	8.875	142	379332	34.624	ng		99
40) 1,2,4,5-Tetrachloroben...	8.939	216	193717	42.021	ng		99
41) Hexachlorocyclopentadiene	8.922	237	97742	67.324	ng		98
43) 2,4,6-Trichlorophenol	9.057	196	119611	40.458	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	123421	37.462	ng	97
46) 1,1'-Biphenyl	9.239	154	513310	41.094	ng	100
47) 2-Chloronaphthalene	9.263	162	371581	39.130	ng	99
48) 2-Nitroaniline	9.369	65	115394	38.805	ng	91
49) Acenaphthylene	9.680	152	602514	41.511	ng	100
50) Dimethylphthalate	9.545	163	421979	38.811	ng	99
51) 2,6-Dinitrotoluene	9.610	165	92863	37.633	ng	92
52) Acenaphthene	9.851	154	340922	37.892	ng	99
53) 3-Nitroaniline	9.780	138	70602	27.010	ng	93
54) 2,4-Dinitrophenol	9.892	184	59318	45.084	ng	93
55) Dibenzofuran	10.028	168	516192	37.848	ng	97
56) 4-Nitrophenol	9.957	139	109443	62.023	ng	99
57) 2,4-Dinitrotoluene	10.016	165	111741	34.882	ng	99
58) Fluorene	10.369	166	404604	37.388	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	95708	37.739	ng	98
60) Diethylphthalate	10.245	149	420462	37.271	ng	98
61) 4-Chlorophenyl-phenyle...	10.363	204	193312	36.751	ng	95
62) 4-Nitroaniline	10.398	138	79877m	31.699	ng	
63) Azobenzene	10.522	77	374086	35.503	ng	99
65) 4,6-Dinitro-2-methylph...	10.427	198	44265	31.858	ng	89
66) n-Nitrosodiphenylamine	10.480	169	347801	44.161	ng	98
67) 4-Bromophenyl-phenylether	10.851	248	110931	41.200	ng	97
68) Hexachlorobenzene	10.916	284	117876	39.285	ng	94
69) Atrazine	11.016	200	103797	51.529	ng	97
70) Pentachlorophenol	11.116	266	95925	68.587	ng	99
71) Phenanthrene	11.333	178	573507	46.102	ng	99
72) Anthracene	11.386	178	502327	39.873	ng	99
73) Carbazole	11.545	167	446747	37.612	ng	100
74) Di-n-butylphthalate	11.874	149	585648	40.406	ng	100
75) Fluoranthene	12.527	202	591952	44.486	ng	97
77) Benzidine	12.657	184	108559	23.192	ng	99
78) Pyrene	12.763	202	596511	38.277	ng	99
80) Butylbenzylphthalate	13.380	149	200853	35.421	ng	97
81) Benzo(a)anthracene	13.957	228	486010	44.089	ng	98
82) 3,3'-Dichlorobenzidine	13.921	252	129707	41.433	ng	99
83) Chrysene	13.992	228	461746	42.835	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	289335	40.554	ng	97
85) Di-n-octyl phthalate	14.563	149	527596	47.806	ng	98
87) Indeno(1,2,3-cd)pyrene	16.951	276	424533	33.916	ng	99
88) Benzo(b)fluoranthene	15.015	252	518084	44.742	ng	98
89) Benzo(k)fluoranthene	15.045	252	429998	39.300	ng	98
90) Benzo(a)pyrene	15.386	252	416291	42.591	ng	99
91) Dibenzo(a,h)anthracene	16.968	278	339681	33.078	ng	100
92) Benzo(g,h,i)perylene	17.409	276	326929	31.083	ng	97

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

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