Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
Data File : BF136787.D
Acq On : 28 Dec 2023 11:08
Operator : CG\JU
Sample : PB157800BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 28 11:25:48 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 :
PB157800BS

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	6.786	152	97150	20.000	ng		0.00
21) Naphthalene-d8	8.063	136	392718	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	192830	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	353797	20.000	ng		0.00
76) Chrysene-d12	13.974	240	168390	20.000	ng	#	0.00
86) Perylene-d12	15.451	264	152242	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.439	112	739598	118.784	ng		0.01
7) Phenol-d6	6.445	99	892805	110.661	ng		0.00
23) Nitrobenzene-d5	7.357	82	563926	73.479	ng		0.00
42) 2,4,6-Tribromophenol	10.621	330	244213	107.535	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	1037544	72.368	ng		0.00
79) Terphenyl-d14	12.910	244	969206	80.434	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	76798	29.603	ng		97
3) Pyridine	3.410	79	181515	28.676	ng		94
4) n-Nitrosodimethylamine	3.369	42	133357	39.452	ng		100
6) Aniline	6.451	93	196110	24.312	ng	#	1
8) 2-Chlorophenol	6.575	128	288665	42.365	ng		97
9) Benzaldehyde	6.339	77	61854	13.479	ng		99
10) Phenol	6.457	94	338123	39.259	ng		97
11) bis(2-Chloroethyl)ether	6.528	93	265488	40.534	ng		98
12) 1,3-Dichlorobenzene	6.728	146	284510	38.276	ng		99
13) 1,4-Dichlorobenzene	6.804	146	290537	38.254	ng		98
14) 1,2-Dichlorobenzene	6.951	146	277800	39.308	ng		98
15) Benzyl Alcohol	6.933	79	236026	43.364	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	420874	39.303	ng		93
17) 2-Methylphenol	7.051	107	218440	38.698	ng		97
18) Hexachloroethane	7.292	117	106179	38.495	ng		94
19) n-Nitroso-di-n-propyla...	7.204	70	194145	39.696	ng		97
20) 3+4-Methylphenols	7.204	107	268483	38.072	ng	#	78
22) Acetophenone	7.198	105	389647	39.584	ng		94
24) Nitrobenzene	7.375	77	289985	37.719	ng		94
25) Isophorone	7.610	82	532616	38.140	ng		100
26) 2-Nitrophenol	7.686	139	150274	40.855	ng		99
27) 2,4-Dimethylphenol	7.728	122	225136	50.275	ng		97
28) bis(2-Chloroethoxy)met...	7.816	93	320988	37.815	ng		99
29) 2,4-Dichlorophenol	7.928	162	220936	38.323	ng		100
30) 1,2,4-Trichlorobenzene	8.004	180	244985	38.139	ng		97
31) Naphthalene	8.086	128	822960	38.144	ng		100
32) Benzoic acid	7.880	122	173045	39.938	ng		98
33) 4-Chloroaniline	8.139	127	177371	22.266	ng		97
34) Hexachlorobutadiene	8.198	225	142509	36.516	ng		99
35) Caprolactam	8.522	113	71103m	37.386	ng		
36) 4-Chloro-3-methylphenol	8.633	107	239781	36.945	ng		99
37) 2-Methylnaphthalene	8.780	142	509983	36.729	ng		100
38) 1-Methylnaphthalene	8.880	142	487631	35.796	ng		99
40) 1,2,4,5-Tetrachloroben...	8.945	216	245909	41.178	ng		99
41) Hexachlorocyclopentadiene	8.927	237	156833	82.221	ng		99
43) 2,4,6-Trichlorophenol	9.063	196	154708	40.395	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	165527	38.785	ng		98
46) 1,1'-Biphenyl	9.245	154	632452	39.085	ng		99
47) 2-Chloronaphthalene	9.269	162	476104	38.703	ng		99
48) 2-Nitroaniline	9.374	65	150312	39.020	ng		91
49) Acenaphthylene	9.686	152	753783	40.090	ng		99
50) Dimethylphthalate	9.551	163	543730	38.604	ng		100
51) 2,6-Dinitrotoluene	9.616	165	121987	38.162	ng	#	89
52) Acenaphthene	9.857	154	448919	38.516	ng		98
53) 3-Nitroaniline	9.786	138	103371	30.528	ng		93
54) 2,4-Dinitrophenol	9.898	184	128899	73.097	ng	#	82
55) Dibenzofuran	10.033	168	665784	37.683	ng		98
56) 4-Nitrophenol	9.969	139	162831	71.234	ng		94
57) 2,4-Dinitrotoluene	10.027	165	150884	36.360	ng		95
58) Fluorene	10.374	166	534166	38.104	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	138305	42.098	ng		98
60) Diethylphthalate	10.251	149	547859	37.489	ng		99
61) 4-Chlorophenyl-phenyle...	10.369	204	252353	37.034	ng		94
62) 4-Nitroaniline	10.410	138	110199m	33.759	ng		
63) Azobenzene	10.527	77	511103	37.445	ng		98
65) 4,6-Dinitro-2-methylph...	10.439	198	84098	41.477	ng		85
66) n-Nitrosodiphenylamine	10.492	169	470258	40.917	ng		99
67) 4-Bromophenyl-phenylether	10.857	248	158334	40.297	ng		98
68) Hexachlorobenzene	10.927	284	172961	39.500	ng		95
69) Atrazine	11.021	200	114423	38.925	ng		99
70) Pentachlorophenol	11.121	266	141834	69.493	ng		99
71) Phenanthrene	11.339	178	731824	40.313	ng		99
72) Anthracene	11.392	178	732113	39.822	ng		99
73) Carbazole	11.551	167	658990	38.018	ng		99
74) Di-n-butylphthalate	11.880	149	826897	39.095	ng		99
75) Fluoranthene	12.533	202	705271	36.320	ng		97
77) Benzidine	12.657	184	32377	6.521	ng		99
78) Pyrene	12.763	202	705764	42.695	ng		100
80) Butylbenzylphthalate	13.386	149	261954	43.551	ng		99
81) Benzo(a)anthracene	13.962	228	491331	42.020	ng		98
82) 3,3'-Dichlorobenzidine	13.921	252	141635	42.653	ng		97
83) Chrysene	13.998	228	456481	39.922	ng		99
84) Bis(2-ethylhexyl)phtha...	13.951	149	334672	44.223	ng	#	98
85) Di-n-octyl phthalate	14.568	149	533550	45.578	ng		98
87) Indeno(1,2,3-cd)pyrene	16.968	276	579015	52.676	ng		100
88) Benzo(b)fluoranthene	15.015	252	461089	45.345	ng		98
89) Benzo(k)fluoranthene	15.051	252	418817	43.590	ng		99
90) Benzo(a)pyrene	15.392	252	395591	46.089	ng		99
91) Dibenzo(a,h)anthracene	16.986	278	488332	54.151	ng		97
92) Benzo(g,h,i)perylene	17.427	276	492236	53.294	ng		99

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

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