Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
Data File : BF136766.D
Acq On : 27 Dec 2023 19:27
Operator : CG\JU
Sample : 05796-06MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 27 22:45:36 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 :
RT-SB-04-13-14MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	77510	20.000	ng		0.00
21) Naphthalene-d8	8.063	136	286721	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	129066	20.000	ng		0.00
64) Phenanthrene-d10	11.310	188	192629	20.000	ng		0.00
76) Chrysene-d12	13.992	240	105924	20.000	ng	#	0.02
86) Perylene-d12	15.504	264	121402	20.000	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	421772	84.903	ng		0.00
7) Phenol-d6	6.434	99	535944	83.261	ng		0.00
23) Nitrobenzene-d5	7.351	82	341536	60.954	ng		0.00
42) 2,4,6-Tribromophenol	10.616	330	121830	80.149	ng		0.00
45) 2-Fluorobiphenyl	9.139	172	648902	67.621	ng		-0.01
79) Terphenyl-d14	12.916	244	445212	58.737	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.593	88	74495	35.991	ng		97
3) Pyridine	3.357	79	179382	35.520	ng		96
4) n-Nitrosodimethylamine	3.322	42	106745	39.581	ng		97
6) Aniline	6.451	93	119538	18.574	ng	#	1
8) 2-Chlorophenol	6.575	128	221447	40.735	ng		95
9) Benzaldehyde	6.339	77	73985	20.207	ng		98
10) Phenol	6.451	94	267019	38.859	ng		96
11) bis(2-Chloroethyl)ether	6.522	93	212003	40.570	ng		98
12) 1,3-Dichlorobenzene	6.728	146	228522	38.534	ng		96
13) 1,4-Dichlorobenzene	6.804	146	232830	38.424	ng		98
14) 1,2-Dichlorobenzene	6.951	146	220121	39.039	ng		99
15) Benzyl Alcohol	6.934	79	184418	42.467	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	334572	39.161	ng		94
17) 2-Methylphenol	7.051	107	165474	36.743	ng		95
18) Hexachloroethane	7.292	117	84116	38.223	ng		90
19) n-Nitroso-di-n-propyla...	7.204	70	153380	39.308	ng		96
20) 3+4-Methylphenols	7.198	107	213425	37.933	ng		99
22) Acetophenone	7.192	105	314486	43.760	ng	#	90
24) Nitrobenzene	7.369	77	225077	40.100	ng		96
25) Isophorone	7.604	82	416154	40.817	ng		98
26) 2-Nitrophenol	7.681	139	115722	43.092	ng		93
27) 2,4-Dimethylphenol	7.722	122	99356	30.390	ng		98
28) bis(2-Chloroethoxy)met...	7.816	93	255674	41.255	ng		97
29) 2,4-Dichlorophenol	7.928	162	177312	42.126	ng		99
30) 1,2,4-Trichlorobenzene	8.004	180	188143	40.118	ng		99
31) Naphthalene	8.086	128	621474	39.454	ng		100
32) Benzoic acid	7.869	122	136464	43.139	ng		98
33) 4-Chloroaniline	8.133	127	56753	9.758	ng		98
34) Hexachlorobutadiene	8.198	225	113687	39.900	ng		98
35) Caprolactam	8.516	113	58616m	42.214	ng		
36) 4-Chloro-3-methylphenol	8.633	107	190803	40.267	ng		99
37) 2-Methylnaphthalene	8.775	142	387012	38.177	ng		99
38) 1-Methylnaphthalene	8.875	142	367774	36.979	ng		100
40) 1,2,4,5-Tetrachloroben...	8.945	216	188981	47.279	ng		99
41) Hexachlorocyclopentadiene	8.928	237	114781	89.447	ng		99
43) 2,4,6-Trichlorophenol	9.057	196	117503	45.838	ng		99

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44) 2,4,5-Trichlorophenol	9.104	196	125196	43.827	ng	#	94
46) 1,1'-Biphenyl	9.245	154	493360	45.552	ng		98
47) 2-Chloronaphthalene	9.269	162	350199	42.533	ng		98
48) 2-Nitroaniline	9.369	65	116741	45.278	ng		99
49) Acenaphthylene	9.680	152	545804	43.370	ng		99
50) Dimethylphthalate	9.545	163	426346	45.225	ng		99
51) 2,6-Dinitrotoluene	9.610	165	91910	42.958	ng	#	85
52) Acenaphthene	9.857	154	312356	40.040	ng		99
53) 3-Nitroaniline	9.780	138	72089	31.807	ng		96
54) 2,4-Dinitrophenol	9.892	184	82398	69.979	ng	#	83
55) Dibenzofuran	10.027	168	472080	39.921	ng		99
56) 4-Nitrophenol	9.957	139	123325	80.605	ng		96
57) 2,4-Dinitrotoluene	10.016	165	111851	40.270	ng	#	99
58) Fluorene	10.369	166	354395	37.770	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.151	232	92711	42.162	ng		98
60) Diethylphthalate	10.251	149	404421	41.346	ng		98
61) 4-Chlorophenyl-phenyle...	10.363	204	174306	38.218	ng		98
62) 4-Nitroaniline	10.398	138	68300m	31.260	ng		
63) Azobenzene	10.522	77	335944	36.772	ng		98
65) 4,6-Dinitro-2-methylph...	10.427	198	51033	46.227	ng		95
66) n-Nitrosodiphenylamine	10.486	169	310710	49.654	ng		100
67) 4-Bromophenyl-phenylether	10.857	248	97316	45.490	ng		94
68) Hexachlorobenzene	10.922	284	102444	42.971	ng		99
69) Atrazine	11.016	200	96555	60.329	ng		99
70) Pentachlorophenol	11.122	266	96443	86.789	ng		98
71) Phenanthrene	11.339	178	425037	43.003	ng		99
72) Anthracene	11.386	178	421695	42.128	ng		98
73) Carbazole	11.551	167	394040	41.753	ng		99
74) Di-n-butylphthalate	11.880	149	500150	43.431	ng		99
75) Fluoranthene	12.539	202	409454	38.729	ng		99
77) Benzidine	12.663	184	10906	3.492	ng	#	1
78) Pyrene	12.768	202	422271	40.610	ng		99
80) Butylbenzylphthalate	13.398	149	167179	44.185	ng		92
81) Benzo(a)anthracene	13.980	228	366632	49.846	ng	#	94
82) 3,3'-Dichlorobenzidine	13.945	252	80318	38.451	ng	#	93
83) Chrysene	14.021	228	363528	50.541	ng	#	96
84) Bis(2-ethylhexyl)phtha...	13.968	149	221131	46.451	ng	#	94
85) Di-n-octyl phthalate	14.592	149	383577	52.090	ng	#	82
87) Indeno(1,2,3-cd)pyrene	17.015	276	316485	36.106	ng		99
88) Benzo(b)fluoranthene	15.062	252	334235	41.220	ng	#	86
89) Benzo(k)fluoranthene	15.092	252	300286	39.192	ng	#	84
90) Benzo(a)pyrene	15.439	252	285400	41.698	ng	#	83
91) Dibenzo(a,h)anthracene	17.033	278	270374	37.598	ng		97
92) Benzo(g,h,i)perylene	17.468	276	239030	32.454	ng		98

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

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