Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112723\
Data File : BF136225.D
Acq On : 27 Nov 2023 16:36
Operator : CG\JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF112723

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023

Quant Time: Nov 28 08:06:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 28 03:04:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.804	152	146770	20.000	ng		0.00
21) Naphthalene-d8	8.086	136	637090	20.000	ng		0.00
39) Acenaphthene-d10	9.845	164	321254	20.000	ng		0.00
64) Phenanthrene-d10	11.333	188	591585	20.000	ng		0.00
76) Chrysene-d12	13.986	240	284898	20.000	ng		0.00
86) Perylene-d12	15.468	264	250563	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	878707	83.330	ng		0.00
7) Phenol-d6	6.445	99	1088677	82.569	ng		0.00
23) Nitrobenzene-d5	7.375	82	1022229	84.789	ng		0.00
42) 2,4,6-Tribromophenol	10.639	330	336169	85.591	ng		0.00
45) 2-Fluorobiphenyl	9.169	172	2127217	84.578	ng		0.00
79) Terphenyl-d14	12.933	244	2239569	90.675	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.599	88	165332	41.437	ng		100
3) Pyridine	3.357	79	414374	42.072	ng		97
4) n-Nitrosodimethylamine	3.334	42	206988	41.575	ng		98
6) Aniline	6.469	93	552600	44.342	ng		98
8) 2-Chlorophenol	6.592	128	484529	42.200	ng		98
9) Benzaldehyde	6.363	77	276734	37.657	ng		98
10) Phenol	6.457	94	592763	41.905	ng		100
11) bis(2-Chloroethyl)ether	6.551	93	436905	42.103	ng		99
12) 1,3-Dichlorobenzene	6.751	146	546951	41.976	ng		100
13) 1,4-Dichlorobenzene	6.828	146	552028	41.675	ng		98
14) 1,2-Dichlorobenzene	6.981	146	527020	42.027	ng		99
15) Benzyl Alcohol	6.951	79	391542	42.355	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.087	45	596673	41.395	ng		99
17) 2-Methylphenol	7.057	107	377896	41.864	ng		99
18) Hexachloroethane	7.316	117	195901	42.163	ng		98
19) n-Nitroso-di-n-propyla...	7.228	70	330081	41.858	ng		98
20) 3+4-Methylphenols	7.216	107	487340	41.541	ng		99
22) Acetophenone	7.222	105	704553	42.108	ng	#	88
24) Nitrobenzene	7.392	77	515733	42.212	ng		99
25) Isophorone	7.628	82	914208	42.054	ng		99
26) 2-Nitrophenol	7.704	139	229612	44.109	ng		99
27) 2,4-Dimethylphenol	7.739	122	286984	41.885	ng		99
28) bis(2-Chloroethoxy)met...	7.839	93	548363	41.702	ng		100
29) 2,4-Dichlorophenol	7.945	162	393744	42.605	ng		99
30) 1,2,4-Trichlorobenzene	8.028	180	475428	42.018	ng		100
31) Naphthalene	8.110	128	1506626	42.073	ng		100
32) Benzoic acid	7.869	122	279738	44.798	ng		93
33) 4-Chloroaniline	8.157	127	516011	42.393	ng		98
34) Hexachlorobutadiene	8.222	225	278110	42.013	ng		98
35) Caprolactam	8.539	113	106975	41.407	ng		96
36) 4-Chloro-3-methylphenol	8.639	107	417272	41.630	ng		99
37) 2-Methylnaphthalene	8.798	142	922660	41.075	ng		99
38) 1-Methylnaphthalene	8.898	142	911291	41.587	ng		98
40) 1,2,4,5-Tetrachloroben...	8.963	216	436623	42.706	ng		100
41) Hexachlorocyclopentadiene	8.951	237	173192	44.024	ng		97
43) 2,4,6-Trichlorophenol	9.075	196	281169	42.370	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	308793	42.640	ng		99
46) 1,1'-Biphenyl	9.269	154	1194867	42.177	ng		100
47) 2-Chloronaphthalene	9.292	162	931373	42.334	ng		99
48) 2-Nitroaniline	9.386	65	251331	43.756	ng		97
49) Acenaphthylene	9.704	152	1325719	42.225	ng		99
50) Dimethylphthalate	9.575	163	1021547	42.072	ng		99
51) 2,6-Dinitrotoluene	9.633	165	213698	43.081	ng		99
52) Acenaphthene	9.880	154	832519m	41.960	ng		
53) 3-Nitroaniline	9.804	138	214834	43.648	ng		96
54) 2,4-Dinitrophenol	9.904	184	102588	44.468	ng		98
55) Dibenzofuran	10.051	168	1232235	41.737	ng		99
56) 4-Nitrophenol	9.957	139	161845	43.295	ng		96
57) 2,4-Dinitrotoluene	10.033	165	289748	43.729	ng	#	85
58) Fluorene	10.398	166	961975	41.540	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	244030	42.352	ng		99
60) Diethylphthalate	10.275	149	1007093	41.464	ng		100
61) 4-Chlorophenyl-phenyle...	10.392	204	469128	41.714	ng		99
62) 4-Nitroaniline	10.416	138	209595	43.504	ng		96
63) Azobenzene	10.551	77	940280	41.758	ng		99
65) 4,6-Dinitro-2-methylph...	10.445	198	144719	44.734	ng		93
66) n-Nitrosodiphenylamine	10.510	169	797470	42.065	ng		99
67) 4-Bromophenyl-phenylether	10.880	248	291148	42.185	ng		97
68) Hexachlorobenzene	10.945	284	342621	42.893	ng		97
69) Atrazine	11.039	200	240665	42.794	ng		98
70) Pentachlorophenol	11.133	266	197026	43.636	ng		98
71) Phenanthrene	11.363	178	1399898	42.103	ng		99
72) Anthracene	11.410	178	1414318	42.416	ng		99
73) Carbazole	11.569	167	1201235	42.358	ng		99
74) Di-n-butylphthalate	11.910	149	1531443	43.160	ng		99
75) Fluoranthene	12.551	202	1415562	41.937	ng		98
77) Benzidine	12.680	184	292766	62.514	ng		98
78) Pyrene	12.780	202	1410355	45.202	ng		98
80) Butylbenzylphthalate	13.416	149	440672	45.381	ng		97
81) Benzo(a)anthracene	13.980	228	904886	42.761	ng		100
82) 3,3'-Dichlorobenzidine	13.945	252	224476	44.068	ng		97
83) Chrysene	14.015	228	873368	42.745	ng		99
84) Bis(2-ethylhexyl)phtha...	13.980	149	531056	45.569	ng	#	99
85) Di-n-octyl phthalate	14.598	149	753471	40.690	ng		100
87) Indeno(1,2,3-cd)pyrene	16.980	276	774131	41.705	ng		100
88) Benzo(b)fluoranthene	15.033	252	758503	43.148	ng		99
89) Benzo(k)fluoranthene	15.062	252	671529	40.221	ng		100
90) Benzo(a)pyrene	15.410	252	606118	42.178	ng		97
91) Dibenzo(a,h)anthracene	16.998	278	617291	41.457	ng		97
92) Benzo(g,h,i)perylene	17.433	276	625658	41.737	ng		98

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

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