Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011823\
Data File : BF132118.D
Acq On : 18 Jan 2023 14:23
Operator : CG\JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF011823

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

Quant Time: Jan 19 00:45:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 19 00:42:19 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.101	152	232027	20.000	ng	0.00
21) Naphthalene-d8	8.389	136	829037	20.000	ng	0.00
39) Acenaphthene-d10	10.154	164	446098	20.000	ng	0.00
64) Phenanthrene-d10	11.648	188	868615	20.000	ng	0.00
76) Chrysene-d12	14.318	240	455659	20.000	ng	# 0.00
86) Perylene-d12	15.912	264	405415	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.719	112	998110	76.533	ng	0.00
7) Phenol-d6	6.713	99	1305250	77.472	ng	0.00
23) Nitrobenzene-d5	7.666	82	1271066	81.382	ng	0.00
42) 2,4,6-Tribromophenol	10.948	330	397483	81.437	ng	0.00
45) 2-Fluorobiphenyl	9.466	172	2056763	80.219	ng	0.00
79) Terphenyl-d14	13.248	244	2206362	78.565	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.078	88	263492	38.576	ng	100
3) Pyridine	3.819	79	723346	39.550	ng	100
4) n-Nitrosodimethylamine	3.790	42	363687	41.147	ng	97
6) Aniline	6.766	93	931139m	39.523	ng	
8) 2-Chlorophenol	6.884	128	542746	39.102	ng	100
9) Benzaldehyde	6.654	77	443975	37.506	ng	100
10) Phenol	6.725	94	681037	39.283	ng	99
11) bis(2-Chloroethyl)ether	6.831	93	581438	39.438	ng	99
12) 1,3-Dichlorobenzene	7.042	146	595733	39.000	ng	99
13) 1,4-Dichlorobenzene	7.119	146	601388	39.333	ng	98
14) 1,2-Dichlorobenzene	7.272	146	529476	36.547	ng	100
15) Benzyl Alcohol	7.236	79	560370	41.845	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.372	45	858659	39.123	ng	99
17) 2-Methylphenol	7.336	107	491867	39.373	ng	99
18) Hexachloroethane	7.613	117	226221	40.144	ng	99
19) n-Nitroso-di-n-propyla...	7.513	70	409381	38.650	ng	100
20) 3+4-Methylphenols	7.495	107	619734	39.968	ng	92
22) Acetophenone	7.507	105	728976	38.119	ng	99
24) Nitrobenzene	7.683	77	666485	40.753	ng	99
25) Isophorone	7.919	82	1257333	40.233	ng	100
26) 2-Nitrophenol	7.995	139	296686	44.524	ng	99
27) 2,4-Dimethylphenol	8.025	122	523145	39.381	ng	99
28) bis(2-Chloroethoxy)met...	8.125	93	696995	38.893	ng	100
29) 2,4-Dichlorophenol	8.236	162	493812	39.668	ng	99
30) 1,2,4-Trichlorobenzene	8.325	180	536127	39.411	ng	99
31) Naphthalene	8.413	128	1564132	38.427	ng	100
32) Benzoic acid	8.142	122	415245m	45.502	ng	
33) 4-Chloroaniline	8.448	127	696306	38.962	ng	99
34) Hexachlorobutadiene	8.519	225	360081	40.139	ng	99
35) Caprolactam	8.836	113	166097	41.061	ng	91
36) 4-Chloro-3-methylphenol	8.925	107	530921	40.901	ng	97
37) 2-Methylnaphthalene	9.101	142	1100349	38.820	ng	99
38) 1-Methylnaphthalene	9.201	142	1025589	38.510	ng	100
40) 1,2,4,5-Tetrachloroben...	9.266	216	564443	39.367	ng	99
41) Hexachlorocyclopentadiene	9.254	237	339895	44.609	ng	99
43) 2,4,6-Trichlorophenol	9.372	196	394607	42.823	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.407	196	463101	41.125	ng	99
46) 1,1'-Biphenyl	9.566	154	1285604	39.034	ng	99
47) 2-Chloronaphthalene	9.595	162	1017563	39.595	ng	100
48) 2-Nitroaniline	9.683	65	387570	44.237	ng	99
49) Acenaphthylene	10.013	152	1626089	39.047	ng	100
50) Dimethylphthalate	9.866	163	1275789	39.341	ng	99
51) 2,6-Dinitrotoluene	9.930	165	289798	42.008	ng	86
52) Acenaphthene	10.189	154	982153	38.945	ng	99
53) 3-Nitroaniline	10.101	138	302682	41.445	ng	96
54) 2,4-Dinitrophenol	10.201	184	132109	45.072	ng	97
55) Dibenzofuran	10.360	168	1489374	38.383	ng	99
56) 4-Nitrophenol	10.242	139	227351	43.573	ng	98
57) 2,4-Dinitrotoluene	10.330	165	373379	43.819	ng	96
58) Fluorene	10.707	166	1093859	38.012	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.472	232	364320	41.105	ng	99
60) Diethylphthalate	10.566	149	1285316	39.583	ng	99
61) 4-Chlorophenyl-phenyle...	10.695	204	596359	38.556	ng	99
62) 4-Nitroaniline	10.724	138	275124	41.775	ng	94
63) Azobenzene	10.854	77	1221903	38.632	ng	99
65) 4,6-Dinitro-2-methylph...	10.742	198	195382	48.369	ng	95
66) n-Nitrosodiphenylamine	10.813	169	1013621	38.883	ng	99
67) 4-Bromophenyl-phenylether	11.189	248	390327	39.559	ng	99
68) Hexachlorobenzene	11.254	284	394074	39.697	ng	100
69) Atrazine	11.336	200	350771	39.983	ng	99
70) Pentachlorophenol	11.442	266	297799	43.664	ng	99
71) Phenanthrene	11.677	178	1668647	38.860	ng	100
72) Anthracene	11.730	178	1669634	38.241	ng	100
73) Carbazole	11.877	167	1471017	38.613	ng	99
74) Di-n-butylphthalate	12.201	149	1844718	39.874	ng	100
75) Fluoranthene	12.877	202	1778861	38.674	ng	100
77) Benzidine	12.989	184	531657	43.330	ng	98
78) Pyrene	13.107	202	1773508	40.663	ng	100
80) Butylbenzylphthalate	13.718	149	678756	44.150	ng	99
81) Benzo(a)anthracene	14.307	228	1291636	40.557	ng	99
82) 3,3'-Dichlorobenzidine	14.260	252	370566	43.743	ng	100
83) Chrysene	14.342	228	1188059	39.684	ng	99
84) Bis(2-ethylhexyl)phtha...	14.277	149	873228	43.432	ng	100
85) Di-n-octyl phthalate	14.918	149	1201410	45.565	ng	100
87) Indeno(1,2,3-cd)pyrene	17.583	276	1041858	43.616	ng	99
88) Benzo(b)fluoranthene	15.430	252	1053774	41.315	ng	99
89) Benzo(k)fluoranthene	15.465	252	999325	39.167	ng	100
90) Benzo(a)pyrene	15.842	252	955714	41.449	ng	99
91) Dibenzo(a,h)anthracene	17.606	278	848709	44.217	ng	99
92) Benzo(g,h,i)perylene	18.095	276	875109	43.759	ng	99

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

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