Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122023\
Data File : BF136649.D
Acq On : 20 Dec 2023 15:50
Operator : CG\JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF122023

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

Quant Time: Dec 21 01:58:11 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	72443	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	283460	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	150849	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	291124	20.000	ng	0.00
76) Chrysene-d12	13.974	240	157872	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	144344	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	371020	79.911	ng	0.00
7) Phenol-d6	6.439	99	474903	78.938	ng	0.00
23) Nitrobenzene-d5	7.357	82	443090	79.988	ng	0.00
42) 2,4,6-Tribromophenol	10.621	330	146122	82.249	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	891102	79.452	ng	0.00
79) Terphenyl-d14	12.915	244	931933	82.494	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.540	88	75679	39.120	ng	99
3) Pyridine	3.304	79	192346	40.751	ng	98
4) n-Nitrosodimethylamine	3.275	42	103238	40.958	ng	99
6) Aniline	6.463	93	237526	39.489	ng	99
8) 2-Chlorophenol	6.581	128	201634	39.685	ng	99
9) Benzaldehyde	6.351	77	133973	39.151	ng	98
10) Phenol	6.451	94	252911	39.380	ng	99
11) bis(2-Chloroethyl)ether	6.534	93	192369	39.387	ng	99
12) 1,3-Dichlorobenzene	6.734	146	218386	39.400	ng	99
13) 1,4-Dichlorobenzene	6.810	146	224815	39.696	ng	99
14) 1,2-Dichlorobenzene	6.963	146	209645	39.781	ng	99
15) Benzyl Alcohol	6.939	79	164446	40.517	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	315781	39.546	ng	99
17) 2-Methylphenol	7.051	107	168868	40.119	ng	99
18) Hexachloroethane	7.298	117	81757	39.750	ng	98
19) n-Nitroso-di-n-propyla...	7.210	70	146436	40.153	ng	98
20) 3+4-Methylphenols	7.204	107	204405	38.871	ng	97
22) Acetophenone	7.204	105	281725	39.652	ng	98
24) Nitrobenzene	7.375	77	226894	40.889	ng	100
25) Isophorone	7.616	82	411454	40.820	ng	99
26) 2-Nitrophenol	7.692	139	109679	41.312	ng	97
27) 2,4-Dimethylphenol	7.728	122	132922	41.124	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	248997	40.640	ng	100
29) 2,4-Dichlorophenol	7.933	162	168107	40.399	ng	96
30) 1,2,4-Trichlorobenzene	8.010	180	187486	40.438	ng	98
31) Naphthalene	8.092	128	624284	40.089	ng	100
32) Benzoic acid	7.863	122	137730m	44.040	ng	
33) 4-Chloroaniline	8.145	127	229993	40.001	ng	98
34) Hexachlorobutadiene	8.204	225	113635	40.341	ng	97
35) Caprolactam	8.528	113	57076	41.578	ng	98
36) 4-Chloro-3-methylphenol	8.633	107	192301	41.050	ng	97
37) 2-Methylnaphthalene	8.786	142	406235	40.534	ng	100
38) 1-Methylnaphthalene	8.880	142	393228	39.993	ng	100
40) 1,2,4,5-Tetrachloroben...	8.951	216	188876	40.430	ng	99
41) Hexachlorocyclopentadiene	8.933	237	53986	38.922	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	122206	40.789	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	139564	41.802	ng	99
46) 1,1'-Biphenyl	9.251	154	513263	40.547	ng	99
47) 2-Chloronaphthalene	9.275	162	381747	39.669	ng	99
48) 2-Nitroaniline	9.375	65	124079	41.175	ng	97
49) Acenaphthylene	9.692	152	599265	40.741	ng	100
50) Dimethylphthalate	9.557	163	442365	40.148	ng	99
51) 2,6-Dinitrotoluene	9.622	165	103970	41.577	ng	97
52) Acenaphthene	9.863	154	365608	40.098	ng	100
53) 3-Nitroaniline	9.786	138	110525	41.724	ng	96
54) 2,4-Dinitrophenol	9.898	184	54512	41.232	ng	99
55) Dibenzofuran	10.033	168	559421	40.475	ng	100
56) 4-Nitrophenol	9.957	139	76592	42.832	ng	98
57) 2,4-Dinitrotoluene	10.022	165	135756	41.819	ng	98
58) Fluorene	10.380	166	441753	40.281	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	109411	42.572	ng	99
60) Diethylphthalate	10.257	149	465552	40.723	ng	98
61) 4-Chlorophenyl-phenyle...	10.369	204	212610	39.885	ng	97
62) 4-Nitroaniline	10.404	138	103091m	40.370	ng	
63) Azobenzene	10.533	77	433948	40.640	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	74219	44.484	ng	99
66) n-Nitrosodiphenylamine	10.492	169	387827	41.009	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	133439	41.272	ng	96
68) Hexachlorobenzene	10.927	284	145076	40.265	ng	99
69) Atrazine	11.021	200	82236	33.998	ng	99
70) Pentachlorophenol	11.121	266	74110	44.128	ng	99
71) Phenanthrene	11.345	178	603283	40.386	ng	100
72) Anthracene	11.398	178	607116	40.132	ng	100
73) Carbazole	11.557	167	576026	40.386	ng	98
74) Di-n-butylphthalate	11.886	149	727134	41.779	ng	99
75) Fluoranthene	12.533	202	645375	40.391	ng	97
77) Benzidine	12.663	184	160064	34.386	ng	98
78) Pyrene	12.768	202	645985	41.682	ng	100
80) Butylbenzylphthalate	13.392	149	245625	43.557	ng	100
81) Benzo(a)anthracene	13.962	228	453675	41.384	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	126724	40.705	ng	99
83) Chrysene	13.998	228	439975	41.042	ng	98
84) Bis(2-ethylhexyl)phtha...	13.951	149	310560	43.771	ng	99
85) Di-n-octyl phthalate	14.568	149	490058	44.652	ng	99
87) Indeno(1,2,3-cd)pyrene	16.951	276	432144	41.465	ng	100
88) Benzo(b)fluoranthene	15.015	252	373076	38.697	ng	99
89) Benzo(k)fluoranthene	15.045	252	368352	40.435	ng	99
90) Benzo(a)pyrene	15.386	252	324956	39.931	ng	100
91) Dibenzo(a,h)anthracene	16.974	278	354656	41.480	ng	96
92) Benzo(g,h,i)perylene	17.409	276	362644	41.411	ng	99

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

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