Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111124\
Data File : BF140320.D
Acq On : 11 Nov 2024 16:30
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF111124

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/13/2024

Quant Time: Nov 12 00:07:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 12 00:05:37 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	187985	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	692596	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	382178	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	717710	20.000	ng	0.00
76) Chrysene-d12	14.057	240	420185	20.000	ng	0.00
86) Perylene-d12	15.551	264	376807	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	868920	79.858	ng	0.00
7) Phenol-d6	6.510	99	1121922	77.597	ng	0.00
23) Nitrobenzene-d5	7.445	82	1061673	79.578	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	293118	78.945	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1806145	74.613	ng	0.00
79) Terphenyl-d14	12.992	244	1870993	76.353	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.640	88	195781	40.009	ng	99
3) Pyridine	3.410	79	489299	41.493	ng	99
4) n-Nitrosodimethylamine	3.369	42	255556	41.311	ng	100
6) Aniline	6.545	93	519447	40.722	ng	99
8) 2-Chlorophenol	6.663	128	456513	39.518	ng	97
9) Benzaldehyde	6.428	77	332377	38.471	ng	99
10) Phenol	6.522	94	602338	39.274	ng	100
11) bis(2-Chloroethyl)ether	6.616	93	455915	38.790	ng	100
12) 1,3-Dichlorobenzene	6.822	146	516118	39.632	ng	99
13) 1,4-Dichlorobenzene	6.898	146	511501	38.959	ng	99
14) 1,2-Dichlorobenzene	7.051	146	470465	38.769	ng	100
15) Benzyl Alcohol	7.016	79	426757	39.916	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	640798	39.835	ng	99
17) 2-Methylphenol	7.128	107	379638	40.048	ng	99
18) Hexachloroethane	7.392	117	194149	39.458	ng	99
19) n-Nitroso-di-n-propyla...	7.292	70	336737	38.242	ng	99
20) 3+4-Methylphenols	7.281	107	458549	38.612	ng	98
22) Acetophenone	7.286	105	620072	38.546	ng	100
24) Nitrobenzene	7.463	77	550036	39.388	ng	99
25) Isophorone	7.698	82	911740	39.233	ng	100
26) 2-Nitrophenol	7.775	139	245978	41.177	ng	99
27) 2,4-Dimethylphenol	7.810	122	309904	39.691	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	556607	39.138	ng	100
29) 2,4-Dichlorophenol	8.016	162	379183	39.552	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	423383	39.166	ng	99
31) Naphthalene	8.180	128	1347972	38.829	ng	100
32) Benzoic acid	7.939	122	299274	44.452	ng	99
33) 4-Chloroaniline	8.228	127	461811	38.457	ng	98
34) Hexachlorobutadiene	8.298	225	269023	38.623	ng	99
35) Caprolactam	8.610	113	127062m	40.826	ng	
36) 4-Chloro-3-methylphenol	8.710	107	420211	39.759	ng	100
37) 2-Methylnaphthalene	8.869	142	859034	38.884	ng	99
38) 1-Methylnaphthalene	8.969	142	842732	39.067	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	411310	38.374	ng	100
41) Hexachlorocyclopentadiene	9.022	237	111714	41.868	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	281685	40.291	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	298340	39.393	ng	97
46) 1,1'-Biphenyl	9.333	154	1070498	38.199	ng	100
47) 2-Chloronaphthalene	9.363	162	813797	37.949	ng	99
48) 2-Nitroaniline	9.457	65	288073	40.543	ng	99
49) Acenaphthylene	9.780	152	1238057	38.418	ng	100
50) Dimethylphthalate	9.639	163	965100	38.886	ng	100
51) 2,6-Dinitrotoluene	9.698	165	225949	40.459	ng	99
52) Acenaphthene	9.951	154	854819	39.165	ng	99
53) 3-Nitroaniline	9.869	138	237053	40.117	ng	99
54) 2,4-Dinitrophenol	9.980	184	119577	42.320	ng	97
55) Dibenzofuran	10.122	168	1180844	38.748	ng	100
56) 4-Nitrophenol	10.027	139	178966	42.438	ng	96
57) 2,4-Dinitrotoluene	10.104	165	297548	40.459	ng	99
58) Fluorene	10.469	166	914233	38.189	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	241759	40.125	ng	99
60) Diethylphthalate	10.333	149	977376	38.666	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	459700	38.578	ng	99
62) 4-Nitroaniline	10.486	138	242711	41.039	ng	99
63) Azobenzene	10.616	77	989759	39.219	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	162359	43.232	ng	99
66) n-Nitrosodiphenylamine	10.574	169	801852	38.315	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	274541	38.177	ng	98
68) Hexachlorobenzene	11.016	284	312840	38.842	ng	100
69) Atrazine	11.104	200	210741	40.422	ng	98
70) Pentachlorophenol	11.210	266	190206	42.228	ng	99
71) Phenanthrene	11.433	178	1274347	37.784	ng	99
72) Anthracene	11.480	178	1270572	38.534	ng	100
73) Carbazole	11.639	167	1244550	38.543	ng	100
74) Di-n-butylphthalate	11.963	149	1511925	39.125	ng	100
75) Fluoranthene	12.621	202	1409136	38.160	ng	100
77) Benzidine	12.739	184	656603	44.595	ng	100
78) Pyrene	12.851	202	1434688	38.784	ng	100
80) Butylbenzylphthalate	13.462	149	577308	41.007	ng	98
81) Benzo(a)anthracene	14.039	228	1091806	39.688	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	356311	40.445	ng	98
83) Chrysene	14.080	228	973552	38.666	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	761681	40.653	ng	100
85) Di-n-octyl phthalate	14.651	149	1128417	40.943	ng	100
87) Indeno(1,2,3-cd)pyrene	17.062	276	941465	40.523	ng	100
88) Benzo(b)fluoranthene	15.115	252	912377	38.471	ng	100
89) Benzo(k)fluoranthene	15.145	252	824665	41.355	ng	99
90) Benzo(a)pyrene	15.486	252	758538	39.606	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	781696	40.944	ng	100
92) Benzo(g,h,i)perylene	17.515	276	797501	40.467	ng	100

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

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