Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122624\
Data File : BF140978.D
Acq On : 26 Dec 2024 19:52
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF122624

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024

Quant Time: Dec 27 00:40:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 00:31:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	278910	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	1096814	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	586665	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	1025959	20.000	ng	0.00
76) Chrysene-d12	13.986	240	614249	20.000	ng	0.00
86) Perylene-d12	15.439	264	543067	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1428981	77.230	ng	0.00
7) Phenol-d6	6.451	99	1850114	77.619	ng	0.00
23) Nitrobenzene-d5	7.392	82	1567133	91.412	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	471519	82.713	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	2755058	74.821	ng	0.00
79) Terphenyl-d14	12.933	244	3082241	83.347	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.557	88	327350	39.078	ng	99
3) Pyridine	3.299	79	802921	39.221	ng	99
4) n-Nitrosodimethylamine	3.252	42	405836	39.126	ng	100
6) Aniline	6.487	93	854884	40.214	ng	99
8) 2-Chlorophenol	6.610	128	885691	45.402	ng	98
9) Benzaldehyde	6.375	77	487130	42.275	ng	100
10) Phenol	6.463	94	1150959	46.698	ng	99
11) bis(2-Chloroethyl)ether	6.569	93	783408	39.366	ng	98
12) 1,3-Dichlorobenzene	6.769	146	836638	38.861	ng	99
13) 1,4-Dichlorobenzene	6.845	146	881416	40.612	ng	100
14) 1,2-Dichlorobenzene	6.998	146	784556	38.772	ng	100
15) Benzyl Alcohol	6.969	79	680874	39.751	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.110	45	1153471	38.326	ng	99
17) 2-Methylphenol	7.075	107	642058	39.617	ng	100
18) Hexachloroethane	7.345	117	308596	40.027	ng	99
19) n-Nitroso-di-n-propyla...	7.245	70	596199	40.828	ng	100
20) 3+4-Methylphenols	7.228	107	806484	39.323	ng	99
22) Acetophenone	7.240	105	1020280	37.920	ng	99
24) Nitrobenzene	7.410	77	844017	44.060	ng	99
25) Isophorone	7.651	82	1437535	38.534	ng	99
26) 2-Nitrophenol	7.728	139	334326	43.185	ng	99
27) 2,4-Dimethylphenol	7.757	122	544355	39.926	ng	100
28) bis(2-Chloroethoxy)met...	7.863	93	905816	38.323	ng	100
29) 2,4-Dichlorophenol	7.963	162	622844	40.280	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	721146	41.204	ng	100
31) Naphthalene	8.134	128	2224743	38.493	ng	100
32) Benzoic acid	7.863	122	473862	43.158	ng	97
33) 4-Chloroaniline	8.181	127	819674	39.203	ng	99
34) Hexachlorobutadiene	8.251	225	403377	39.095	ng	100
35) Caprolactam	8.545	113	211002m	40.139	ng	
36) 4-Chloro-3-methylphenol	8.651	107	733502	42.714	ng	99
37) 2-Methylnaphthalene	8.822	142	1417576	38.340	ng	100
38) 1-Methylnaphthalene	8.922	142	1379859	37.974	ng	98
40) 1,2,4,5-Tetrachloroben...	8.986	216	621819	38.527	ng	100
41) Hexachlorocyclopentadiene	8.975	237	216938	40.560	ng	100
43) 2,4,6-Trichlorophenol	9.092	196	431607	40.180	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	446928	40.663	ng		100
46) 1,1'-Biphenyl	9.286	154	1703208	37.916	ng		100
47) 2-Chloronaphthalene	9.310	162	1339282	38.442	ng		100
48) 2-Nitroaniline	9.398	65	389029	43.198	ng		99
49) Acenaphthylene	9.722	152	1919436	38.272	ng		100
50) Dimethylphthalate	9.586	163	1482676	38.422	ng		100
51) 2,6-Dinitrotoluene	9.645	165	329921	42.386	ng		99
52) Acenaphthene	9.898	154	1361911	40.168	ng		100
53) 3-Nitroaniline	9.810	138	360491	42.522	ng	#	98
54) 2,4-Dinitrophenol	9.910	184	110045	45.538	ng		86
55) Dibenzofuran	10.069	168	1825813	38.318	ng		100
56) 4-Nitrophenol	9.957	139	320756	48.593	ng		99
57) 2,4-Dinitrotoluene	10.045	165	425111	44.506	ng		99
58) Fluorene	10.410	166	1391829	37.668	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.181	232	379409	41.681	ng		99
60) Diethylphthalate	10.286	149	1471636	38.629	ng		100
61) 4-Chlorophenyl-phenyle...	10.404	204	674323	37.928	ng		99
62) 4-Nitroaniline	10.422	138	351313	41.571	ng		98
63) Azobenzene	10.563	77	1538321	38.471	ng		100
65) 4,6-Dinitro-2-methylph...	10.451	198	172455	43.296	ng		100
66) n-Nitrosodiphenylamine	10.522	169	1252782	38.777	ng		100
67) 4-Bromophenyl-phenylether	10.892	248	435284	39.247	ng		100
68) Hexachlorobenzene	10.957	284	475602	38.890	ng		99
69) Atrazine	11.045	200	323638	35.858	ng		98
70) Pentachlorophenol	11.145	266	349248	45.869	ng		99
71) Phenanthrene	11.375	178	2072012	38.373	ng		100
72) Anthracene	11.422	178	2027823	38.325	ng		100
73) Carbazole	11.575	167	1937732	38.096	ng		100
74) Di-n-butylphthalate	11.916	149	2237362	38.673	ng		100
75) Fluoranthene	12.557	202	2209244	37.724	ng		100
77) Benzidine	12.680	184	520577	40.101	ng		100
78) Pyrene	12.786	202	2340872	43.575	ng		100
80) Butylbenzylphthalate	13.410	149	857532	43.715	ng		96
81) Benzo(a)anthracene	13.974	228	1624247	37.941	ng		99
82) 3,3'-Dichlorobenzidine	13.939	252	460524	35.805	ng		99
83) Chrysene	14.010	228	1531898	39.695	ng		100
84) Bis(2-ethylhexyl)phtha...	13.974	149	1035953	40.713	ng		100
85) Di-n-octyl phthalate	14.592	149	1446783	39.285	ng		100
87) Indeno(1,2,3-cd)pyrene	16.892	276	1514165	44.255	ng		100
88) Benzo(b)fluoranthene	15.021	252	1367890	36.115	ng		100
89) Benzo(k)fluoranthene	15.051	252	1203912	40.555	ng		100
90) Benzo(a)pyrene	15.380	252	1132116	38.510	ng		99
91) Dibenzo(a,h)anthracene	16.915	278	1241284	44.756	ng		99
92) Benzo(g,h,i)perylene	17.333	276	1297980	45.122	ng		99

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

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