Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140488.D
Acq On : 20 Nov 2024 09:31
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

Quant Time: Nov 20 10:35:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	132364	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	490485	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	273054	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	510213	20.000	ng		0.00
76) Chrysene-d12	14.051	240	268548	20.000	ng		0.00
86) Perylene-d12	15.539	264	246006	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	626328	80.791	ng		0.01
7) Phenol-d6	6.516	99	835879	79.582	ng		0.01
23) Nitrobenzene-d5	7.439	82	768178	81.601	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	229869	84.657	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	1400225	82.435	ng		0.00
79) Terphenyl-d14	12.986	244	1421238	91.863	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.628	88	138405	40.057	ng		98
3) Pyridine	3.404	79	335412	39.486	ng		100
4) n-Nitrosodimethylamine	3.357	42	165619	38.578	ng		99
6) Aniline	6.540	93	342599	37.496	ng	#	61
8) 2-Chlorophenol	6.663	128	335737	40.316	ng		99
9) Benzaldehyde	6.428	77	379602	60.302	ng		98
10) Phenol	6.528	94	438741	39.610	ng		86
11) bis(2-Chloroethyl)ether	6.610	93	338041	40.278	ng		99
12) 1,3-Dichlorobenzene	6.816	146	373631	40.664	ng		99
13) 1,4-Dichlorobenzene	6.892	146	378996	40.679	ng		99
14) 1,2-Dichlorobenzene	7.045	146	351114	40.596	ng		99
15) Benzyl Alcohol	7.016	79	302807	40.015	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	432663	37.322	ng		66
17) 2-Methylphenol	7.134	107	273264	39.889	ng		96
18) Hexachloroethane	7.386	117	141716	41.146	ng		98
19) n-Nitroso-di-n-propyla...	7.287	70	242440	38.218	ng		99
20) 3+4-Methylphenols	7.287	107	341542	39.866	ng	#	90
22) Acetophenone	7.281	105	459893	40.314	ng		99
24) Nitrobenzene	7.457	77	400779	40.890	ng		99
25) Isophorone	7.692	82	667210	39.991	ng		100
26) 2-Nitrophenol	7.775	139	185216	42.584	ng		99
27) 2,4-Dimethylphenol	7.810	122	229224m	41.165	ng		
28) bis(2-Chloroethoxy)met...	7.904	93	414691	40.536	ng		100
29) 2,4-Dichlorophenol	8.022	162	288595	41.936	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	318306	41.545	ng		100
31) Naphthalene	8.181	128	1020666	41.021	ng		100
32) Benzoic acid	7.939	122	209323	42.721	ng		99
33) 4-Chloroaniline	8.228	127	335737	38.800	ng		99
34) Hexachlorobutadiene	8.292	225	204877	41.969	ng		99
35) Caprolactam	8.598	113	93813	41.015	ng		97
36) 4-Chloro-3-methylphenol	8.716	107	316051	41.442	ng		98
37) 2-Methylnaphthalene	8.869	142	650164	40.752	ng		99
38) 1-Methylnaphthalene	8.969	142	636817	40.761	ng		100
40) 1,2,4,5-Tetrachloroben...	9.033	216	317385	42.033	ng		99
41) Hexachlorocyclopentadiene	9.016	237	69250	35.720	ng		97
43) 2,4,6-Trichlorophenol	9.151	196	206019	41.575	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	228093	42.101	ng	97
46) 1,1'-Biphenyl	9.333	154	819790	41.269	ng	99
47) 2-Chloronaphthalene	9.357	162	624878	41.295	ng	99
48) 2-Nitroaniline	9.457	65	204862	40.822	ng	99
49) Acenaphthylene	9.775	152	939848	41.051	ng	99
50) Dimethylphthalate	9.633	163	733122	41.191	ng	100
51) 2,6-Dinitrotoluene	9.698	165	171295	42.217	ng	99
52) Acenaphthene	9.945	154	642037m	41.519	ng	
53) 3-Nitroaniline	9.869	138	173780	40.783	ng	99
54) 2,4-Dinitrophenol	9.980	184	84341	40.309	ng	97
55) Dibenzofuran	10.122	168	894341	40.855	ng	100
56) 4-Nitrophenol	10.039	139	118069	37.987	ng	98
57) 2,4-Dinitrotoluene	10.104	165	224038	41.954	ng	100
58) Fluorene	10.463	166	715498	41.374	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	175256	40.969	ng	98
60) Diethylphthalate	10.328	149	741052	40.719	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	354853	41.564	ng	99
62) 4-Nitroaniline	10.486	138	173157	39.743	ng	99
63) Azobenzene	10.610	77	722195	40.162	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	123832	45.111	ng	96
66) n-Nitrosodiphenylamine	10.575	169	611778	41.500	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	211410	41.452	ng	98
68) Hexachlorobenzene	11.010	284	241874	42.150	ng	100
69) Atrazine	11.098	200	163963	36.762	ng	100
70) Pentachlorophenol	11.210	266	124117	40.153	ng	99
71) Phenanthrene	11.427	178	977064	40.766	ng	100
72) Anthracene	11.480	178	959400	40.843	ng	99
73) Carbazole	11.633	167	938052	40.444	ng	100
74) Di-n-butylphthalate	11.957	149	1130305	40.603	ng	100
75) Fluoranthene	12.616	202	1061273	39.468	ng	100
77) Benzidine	12.739	184	309358	30.014	ng	98
78) Pyrene	12.845	202	1070626	46.608	ng	100
80) Butylbenzylphthalate	13.457	149	393746	44.621	ng	98
81) Benzo(a)anthracene	14.039	228	734108	41.593	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	228373	40.709	ng	99
83) Chrysene	14.074	228	660037	40.986	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	480832	40.823	ng	99
85) Di-n-octyl phthalate	14.639	149	640686	38.622	ng	99
87) Indeno(1,2,3-cd)pyrene	17.051	276	702801	46.248	ng	99
88) Benzo(b)fluoranthene	15.104	252	583767	36.276	ng	99
89) Benzo(k)fluoranthene	15.133	252	557943	42.441	ng	100
90) Benzo(a)pyrene	15.474	252	515079	41.217	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	575521	45.817	ng	100
92) Benzo(g,h,i)perylene	17.509	276	594253	46.275	ng	100

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

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