Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021221\
Data File : BF123199.D
Acq On : 12 Feb 2021 16:31
Operator : JU/CG
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF021221

Manual Integrations APPROVED
mohammad
2/15/2021 11:25:59 AM

Quant Time: Feb 12 17:15:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 12 16:59:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	154959	20.00	ng	0.00
21) Naphthalene-d8	8.157	136	600621	20.00	ng	0.00
39) Acenaphthene-d10	9.916	164	296050	20.00	ng	0.00
64) Phenanthrene-d10	11.404	188	556696	20.00	ng	0.00
76) Chrysene-d12	14.057	240	462180	20.00	ng	0.00
86) Perylene-d12	15.533	264	452110	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	807002	78.94	ng	0.00
7) Phenol-d6	6.498	99	1059964	78.51	ng	0.00
23) Nitrobenzene-d5	7.434	82	903976	79.09	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	255959	80.06	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1515986	76.53	ng	0.00
79) Terphenyl-d14	12.998	244	1787945	77.53	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.622	88	186589	39.18	ng	98
3) Pyridine	3.375	79	486413	39.52	ng	97
4) n-Nitrosodimethylamine	3.328	42	210289	39.63	ng	91
6) Aniline	6.534	93	640494	39.87	ng	99
8) 2-Chlorophenol	6.657	128	452294	39.46	ng	97
9) Benzaldehyde	6.416	77	293495	37.04	ng	97
10) Phenol	6.510	94	583888	39.39	ng	90
11) bis(2-Chloroethyl)ether	6.604	93	404494	39.30	ng	98
12) 1,3-Dichlorobenzene	6.810	146	467063	39.18	ng	97
13) 1,4-Dichlorobenzene	6.887	146	480581	39.67	ng	96
14) 1,2-Dichlorobenzene	7.045	146	445266	39.43	ng	98
15) Benzyl Alcohol	7.010	79	394688	40.29	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	521630	39.25	ng	99
17) 2-Methylphenol	7.122	107	361431	39.28	ng	99
18) Hexachloroethane	7.387	117	173617	40.25	ng	92
19) n-Nitroso-di-n-propyla...	7.287	70	304165	39.30	ng	99
20) 3+4-Methylphenols	7.275	107	456931	39.11	ng	91
22) Acetophenone	7.281	105	567699	38.57	ng	97
24) Nitrobenzene	7.451	77	482059	39.79	ng	96
25) Isophorone	7.692	82	845595	39.84	ng	100
26) 2-Nitrophenol	7.769	139	238797	40.93	ng	98
27) 2,4-Dimethylphenol	7.804	122	351146	39.49	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	455245	39.52	ng	99
29) 2,4-Dichlorophenol	8.010	162	351653	40.07	ng	96
30) 1,2,4-Trichlorobenzene	8.098	180	370435	39.32	ng	99
31) Naphthalene	8.181	128	1268281	39.22	ng	100
32) Benzoic acid	7.928	122	303364	43.78	ng	99
33) 4-Chloroaniline	8.222	127	528401	39.49	ng	97
34) Hexachlorobutadiene	8.298	225	201377	38.92	ng	99
35) Caprolactam	8.592	113	123420m	40.12	ng	
36) 4-Chloro-3-methylphenol	8.704	107	417805	40.77	ng	95
37) 2-Methylnaphthalene	8.869	142	846580	39.57	ng	97
38) 1-Methylnaphthalene	8.969	142	794436	39.51	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	318771	38.87	ng	97
41) Hexachlorocyclopentadiene	9.028	237	156200	41.64	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	246762	39.94	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	267807	39.84	ng		96
46) 1,1'-Biphenyl	9.334	154	940302	39.34	ng		99
47) 2-Chloronaphthalene	9.363	162	745836	39.02	ng		99
48) 2-Nitroaniline	9.451	65	259149	40.45	ng		85
49) Acenaphthylene	9.781	152	1201629	39.07	ng		100
50) Dimethylphthalate	9.633	163	846734	39.46	ng		99
51) 2,6-Dinitrotoluene	9.698	165	212056	41.08	ng		96
52) Acenaphthene	9.951	154	791173	39.55	ng		98
53) 3-Nitroaniline	9.869	138	246971	40.26	ng		99
54) 2,4-Dinitrophenol	9.969	184	117706	43.01	ng		92
55) Dibenzofuran	10.122	168	1063711	39.32	ng		95
56) 4-Nitrophenol	10.022	139	209138	41.48	ng		91
57) 2,4-Dinitrotoluene	10.098	165	283071	40.61	ng		92
58) Fluorene	10.469	166	821152	39.12	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	211365	39.73	ng	#	84
60) Diethylphthalate	10.333	149	864989	39.73	ng		98
61) 4-Chlorophenyl-phenyle...	10.457	204	365475	39.08	ng		93
62) 4-Nitroaniline	10.480	138	247970	40.08	ng		97
63) Azobenzene	10.616	77	886570	38.93	ng		98
65) 4,6-Dinitro-2-methylph...	10.510	198	154447	43.06	ng		82
66) n-Nitrosodiphenylamine	10.575	169	740221	39.35	ng		100
67) 4-Bromophenyl-phenylether	10.951	248	232197	39.26	ng		99
68) Hexachlorobenzene	11.016	284	253919	39.23	ng	#	92
69) Atrazine	11.104	200	215695	38.46	ng		98
70) Pentachlorophenol	11.210	266	171073	42.41	ng		98
71) Phenanthrene	11.433	178	1263340	38.52	ng		98
72) Anthracene	11.480	178	1270501	38.76	ng		99
73) Carbazole	11.633	167	1234732	39.53	ng		99
74) Di-n-butylphthalate	11.969	149	1338377	39.84	ng		99
75) Fluoranthene	12.622	202	1296965	39.36	ng		99
77) Benzidine	12.739	184	593770	36.26	ng		99
78) Pyrene	12.857	202	1343320	39.31	ng		99
80) Butylbenzylphthalate	13.469	149	601856	39.83	ng		95
81) Benzo(a)anthracene	14.045	228	1236697	39.72	ng		97
82) 3,3'-Dichlorobenzidine	14.010	252	427334	39.61	ng		99
83) Chrysene	14.086	228	1194524	38.93	ng		100
84) Bis(2-ethylhexyl)phtha...	14.033	149	778630	39.70	ng		99
85) Di-n-octyl phthalate	14.651	149	1357727	40.25	ng		99
87) Indeno(1,2,3-cd)pyrene	17.027	276	1255001	40.41	ng	#	95
88) Benzo(b)fluoranthene	15.104	252	1227799	38.65	ng		97
89) Benzo(k)fluoranthene	15.133	252	1191342	40.82	ng		98
90) Benzo(a)pyrene	15.474	252	1125206	39.62	ng	#	98
91) Dibenzo(a,h)anthracene	17.045	278	1070328	40.63	ng		96
92) Benzo(g,h,i)perylene	17.480	276	1028617	40.13	ng	#	95

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

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