Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101220\
Data File : BF121921.D
Acq On : 12 Oct 2020 16:18
Operator : JU/CG
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF101220

Manual Integrations APPROVED
mohammad
10/13/2020 11:08:13 AM

Quant Time: Oct 12 17:32:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 16:22:33 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	115040	20.00	ng	0.00
21) Naphthalene-d8	8.033	136	432479	20.00	ng	0.00
39) Acenaphthene-d10	9.786	164	226534	20.00	ng	0.00
64) Phenanthrene-d10	11.274	188	437528	20.00	ng	0.00
76) Chrysene-d12	13.921	240	371706	20.00	ng	0.00
86) Perylene-d12	15.356	264	355716	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	603791	77.46	ng	0.00
7) Phenol-d6	6.392	99	775886	77.33	ng	0.00
23) Nitrobenzene-d5	7.316	82	659501	78.21	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	226690	80.90	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1146511	74.47	ng	0.00
79) Terphenyl-d14	12.863	244	1392449	71.39	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.404	88	133497	38.94	ng	97
3) Pyridine	3.122	79	353977	39.27	ng	99
4) n-Nitrosodimethylamine	3.087	42	171642	39.40	ng	98
6) Aniline	6.416	93	479624	38.82	ng	91
8) 2-Chlorophenol	6.534	128	308802	39.20	ng	99
9) Benzaldehyde	6.298	77	220541	39.91	ng	100
10) Phenol	6.410	94	401096	38.74	ng	78
11) bis(2-Chloroethyl)ether	6.486	93	312995	39.10	ng	98
12) 1,3-Dichlorobenzene	6.686	146	341187	38.50	ng	98
13) 1,4-Dichlorobenzene	6.763	146	343460	38.60	ng	99
14) 1,2-Dichlorobenzene	6.916	146	316992	38.97	ng	97
15) Benzyl Alcohol	6.898	79	254622	39.23	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.028	45	484446	39.33	ng	90
17) 2-Methylphenol	7.016	107	260904	38.73	ng	95
18) Hexachloroethane	7.257	117	125868	39.17	ng	98
19) n-Nitroso-di-n-propyla...	7.169	70	225161	39.41	ng	98
20) 3+4-Methylphenols	7.169	107	317113	39.04	ng	92
22) Acetophenone	7.163	105	425491	38.24	ng	95
24) Nitrobenzene	7.333	77	351652	39.01	ng	98
25) Isophorone	7.580	82	625920	39.25	ng	98
26) 2-Nitrophenol	7.651	139	164923	39.73	ng	94
27) 2,4-Dimethylphenol	7.698	122	277189	39.17	ng	99
28) bis(2-Chloroethoxy)met...	7.786	93	390706	39.16	ng	100
29) 2,4-Dichlorophenol	7.898	162	260917	39.38	ng	99
30) 1,2,4-Trichlorobenzene	7.975	180	275182	39.06	ng	98
31) Naphthalene	8.057	128	889738	38.40	ng	99
32) Benzoic acid	7.845	122	149797	38.79	ng	97
33) 4-Chloroaniline	8.110	127	390968	39.62	ng	98
34) Hexachlorobutadiene	8.169	225	163881	39.23	ng	98
35) Caprolactam	8.492	113	87214m	41.44	ng	
36) 4-Chloro-3-methylphenol	8.598	107	281400	39.54	ng	99
37) 2-Methylnaphthalene	8.745	142	587353	39.14	ng	99
38) 1-Methylnaphthalene	8.845	142	541285	38.95	ng	99
40) 1,2,4,5-Tetrachloroben...	8.916	216	280256	38.33	ng	100
41) Hexachlorocyclopentadiene	8.898	237	60334	40.34	ng	99
43) 2,4,6-Trichlorophenol	9.033	196	176366	39.09	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	193441	39.71	ng		98
46) 1,1'-Biphenyl	9.210	154	706348	38.35	ng		100
47) 2-Chloronaphthalene	9.233	162	550550	38.43	ng		99
48) 2-Nitroaniline	9.339	65	189750	40.16	ng		100
49) Acenaphthylene	9.651	152	853720	38.81	ng		100
50) Dimethylphthalate	9.516	163	658805	39.77	ng		99
51) 2,6-Dinitrotoluene	9.580	165	146093	40.21	ng		96
52) Acenaphthene	9.822	154	505800	38.65	ng		100
53) 3-Nitroaniline	9.751	138	164968	39.92	ng		100
54) 2,4-Dinitrophenol	9.869	184	64670	39.78	ng		95
55) Dibenzofuran	9.992	168	738512	38.59	ng		99
56) 4-Nitrophenol	9.927	139	94136	41.87	ng		88
57) 2,4-Dinitrotoluene	9.986	165	184547	41.26	ng	#	87
58) Fluorene	10.339	166	600199	38.93	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.116	232	158376	42.02	ng		99
60) Diethylphthalate	10.210	149	639778	40.05	ng		99
61) 4-Chlorophenyl-phenyle...	10.327	204	289657	39.17	ng		97
62) 4-Nitroaniline	10.369	138	169944	41.16	ng		99
63) Azobenzene	10.486	77	668761	39.59	ng		99
65) 4,6-Dinitro-2-methylph...	10.404	198	109462	38.32	ng		92
66) n-Nitrosodiphenylamine	10.451	169	561809	37.28	ng		99
67) 4-Bromophenyl-phenylether	10.816	248	192944	38.17	ng		97
68) Hexachlorobenzene	10.886	284	216734	37.88	ng		97
69) Atrazine	10.980	200	145129	39.38	ng		98
70) Pentachlorophenol	11.086	266	72206	36.85	ng		97
71) Phenanthrene	11.298	178	912848	38.05	ng		100
72) Anthracene	11.351	178	930691	37.40	ng		99
73) Carbazole	11.510	167	847419	38.30	ng		100
74) Di-n-butylphthalate	11.833	149	995813	39.12	ng		100
75) Fluoranthene	12.486	202	990976	38.52	ng		100
77) Benzidine	12.610	184	435721	38.02	ng		99
78) Pyrene	12.715	202	1017045	35.90	ng		99
80) Butylbenzylphthalate	13.333	149	436019	38.81	ng		99
81) Benzo(a)anthracene	13.910	228	929220	38.15	ng		99
82) 3,3'-Dichlorobenzidine	13.868	252	357703	39.59	ng		99
83) Chrysene	13.945	228	903837	37.80	ng		100
84) Bis(2-ethylhexyl)phtha...	13.892	149	593054	38.89	ng		99
85) Di-n-octyl phthalate	14.504	149	1005976	40.78	ng		99
87) Indeno(1,2,3-cd)pyrene	16.786	276	890987	38.58	ng		99
88) Benzo(b)fluoranthene	14.945	252	908750	37.79	ng		99
89) Benzo(k)fluoranthene	14.974	252	854338	37.40	ng		100
90) Benzo(a)pyrene	15.298	252	789569	38.02	ng		98
91) Dibenzo(a,h)anthracene	16.792	278	729658	38.37	ng		99
92) Benzo(g,h,i)perylene	17.203	276	731981	38.46	ng		99

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

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