Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120520\
Data File : BF122557.D
Acq On : 5 Dec 2020 14:07
Operator : JU/CG
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
mohammad
12/7/2020 2:13:16 PM

Quant Time: Dec 07 07:41:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 07:39:03 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.840	152	178870	20.00	ng		0.00
21) Naphthalene-d8	8.122	136	680321	20.00	ng		0.00
39) Acenaphthene-d10	9.880	164	372084	20.00	ng		0.00
64) Phenanthrene-d10	11.363	188	693672	20.00	ng		0.00
76) Chrysene-d12	14.004	240	637279	20.00	ng		0.00
86) Perylene-d12	15.468	264	619204	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	119289	10.24	ng		0.00
7) Phenol-d6	6.463	99	162981	10.69	ng		-0.02
23) Nitrobenzene-d5	7.398	82	137162	12.34	ng		-0.01
42) 2,4,6-Tribromophenol	10.663	330	48410	12.12	ng		-0.01
45) 2-Fluorobiphenyl	9.198	172	304579	12.79	ng		0.00
79) Terphenyl-d14	12.945	244	394995	13.13	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.599	88	27101	5.07	ng		97
3) Pyridine	3.357	79	67256	4.58	ng		93
4) n-Nitrosodimethylamine	3.269	42	27020	3.90	ng	#	85
6) Aniline	6.498	93	91557	4.58	ng		96
8) 2-Chlorophenol	6.622	128	64965	5.38	ng		98
9) Benzaldehyde	6.387	77	49263	5.73	ng		98
10) Phenol	6.475	94	84088	5.60	ng		90
11) bis(2-Chloroethyl)ether	6.569	93	60645	5.08	ng		99
12) 1,3-Dichlorobenzene	6.781	146	78594	5.73	ng		99
13) 1,4-Dichlorobenzene	6.857	146	80444	5.84	ng		99
14) 1,2-Dichlorobenzene	7.010	146	75567	5.88	ng		99
15) Benzyl Alcohol	6.975	79	49073	4.53	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.116	45	89067	5.12	ng		100
17) 2-Methylphenol	7.087	107	49789	4.94	ng		98
18) Hexachloroethane	7.357	117	27047	5.64	ng		95
19) n-Nitroso-di-n-propyla...	7.245	70	45020	4.94	ng		98
22) Acetophenone	7.245	105	91475	5.16	ng		97
24) Nitrobenzene	7.416	77	67292	5.29	ng		100
25) Isophorone	7.657	82	117520	4.74	ng		99
26) 2-Nitrophenol	7.739	139	29091	6.78	ng		92
27) 2,4-Dimethylphenol	7.775	122	47186	4.04	ng		99
28) bis(2-Chloroethoxy)met...	7.869	93	81301	5.37	ng		98
29) 2,4-Dichlorophenol	7.981	162	56134	5.43	ng		99
30) 1,2,4-Trichlorobenzene	8.063	180	67127	5.88	ng		97
31) Naphthalene	8.145	128	200230	5.54	ng		99
33) 4-Chloroaniline	8.192	127	82146	5.21	ng		98
34) Hexachlorobutadiene	8.269	225	40015	6.10	ng		97
35) Caprolactam	8.522	113	16600	5.06	ng		98
36) 4-Chloro-3-methylphenol	8.669	107	54804	5.08	ng		99
37) 2-Methylnaphthalene	8.834	142	131916	5.52	ng		98
38) 1-Methylnaphthalene	8.934	142	125387	5.61	ng		97
40) 1,2,4,5-Tetrachloroben...	9.004	216	61919	5.40	ng		99
43) 2,4,6-Trichlorophenol	9.116	196	40366	5.42	ng		98
44) 2,4,5-Trichlorophenol	9.151	196	43864	5.62	ng		100
46) 1,1'-Biphenyl	9.298	154	163753	5.53	ng		97
47) 2-Chloronaphthalene	9.322	162	134549	5.72	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 2-Nitroaniline	9.416	65	33979	5.89	ng		92
49) Acenaphthylene	9.739	152	199125	5.51	ng		98
50) Dimethylphthalate	9.592	163	154116	5.83	ng		100
51) 2,6-Dinitrotoluene	9.657	165	29568	5.78	ng		97
52) Acenaphthene	9.910	154	125999	5.63	ng		100
53) 3-Nitroaniline	9.828	138	34223	5.79	ng		99
55) Dibenzofuran	10.080	168	183394	5.60	ng		97
56) 4-Nitrophenol	9.986	139	22188	4.40	ng		92
57) 2,4-Dinitrotoluene	10.057	165	38763	6.27	ng		92
58) Fluorene	10.428	166	147135	5.86	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	37207m	5.73	ng		
60) Diethylphthalate	10.292	149	151699	5.85	ng		99
61) 4-Chlorophenyl-phenyle...	10.416	204	74230	6.27	ng		98
62) 4-Nitroaniline	10.433	138	35405	6.09	ng		94
63) Azobenzene	10.575	77	135710	4.99	ng		98
66) n-Nitrosodiphenylamine	10.533	169	127839	5.41	ng		99
67) 4-Bromophenyl-phenylether	10.910	248	46887	5.75	ng	#	88
68) Hexachlorobenzene	10.975	284	53273	6.05	ng		99
69) Atrazine	11.057	200	41355	7.03	ng		98
70) Pentachlorophenol	11.169	266	20880	4.12	ng		98
71) Phenanthrene	11.386	178	223364	5.68	ng		97
72) Anthracene	11.439	178	219766	5.42	ng		97
73) Carbazole	11.592	167	196665	5.33	ng		98
74) Di-n-butylphthalate	11.927	149	249583	6.34	ng		97
75) Fluoranthene	12.574	202	238266	5.80	ng		98
78) Pyrene	12.804	202	244163	5.45	ng		98
80) Butylbenzylphthalate	13.421	149	106751	6.63	ng		100
81) Benzo(a)anthracene	13.992	228	222946	5.63	ng		97
82) 3,3'-Dichlorobenzidine	13.951	252	77870	5.27	ng	#	98
83) Chrysene	14.027	228	220247	5.52	ng		99
84) Bis(2-ethylhexyl)phtha...	13.986	149	157508	7.30	ng		99
85) Di-n-octyl phthalate	14.592	149	260507	7.12	ng		99
87) Indeno(1,2,3-cd)pyrene	16.909	276	194271	5.23	ng		99
88) Benzo(b)fluoranthene	15.039	252	211966	5.29	ng		96
89) Benzo(k)fluoranthene	15.063	252	201870	5.16	ng		100
90) Benzo(a)pyrene	15.398	252	190158	5.44	ng		99
91) Dibenzo(a,h)anthracene	16.927	278	161712	5.20	ng		99
92) Benzo(g,h,i)perylene	17.351	276	152359	5.03	ng		98

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

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