Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052020\
Data File : BF120375.D
Acq On : 20 May 2020 17:46
Operator : MA/SJ
Sample : L2497-08MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-02-051920MS

Manual Integrations APPROVED
mohammad
5/21/2020 10:23:00 AM

Quant Time: May 20 18:22:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 20 13:33:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	290647	20.00	ng		0.00
21) Naphthalene-d8	7.87	136	1190150	20.00	ng		0.00
39) Acenaphthene-d10	9.63	164	615570	20.00	ng		0.00
64) Phenanthrene-d10	11.11	188	1054332	20.00	ng		0.00
76) Chrysene-d12	13.75	240	693241	20.00	ng		0.00
87) Perylene-d12	15.13	264	584304	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	2191131	146.68	ng		0.03
7) Phenol-d6	6.26	99	2533246	134.10	ng		0.00
23) Nitrobenzene-d5	7.17	82	1795510	103.29	ng		0.00
42) 2,4,6-Tribromophenol	10.43	330	670692	133.63	ng		0.00
45) 2-Fluorobiphenyl	8.96	172	3158939	105.43	ng		0.00
79) Terphenyl-d14	12.70	244	3001742	95.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	297942	50.14	ng	#	87
3) Pyridine	3.03	79	542554	29.05	ng		99
4) n-Nitrosodimethylamine	2.93	42	329990	45.12	ng		99
6) Aniline	6.27	93	184816	7.65	ng	#	1
8) 2-Chlorophenol	6.38	128	752825	43.22	ng		98
9) Benzaldehyde	6.14	77	455599	39.12	ng		99
10) Phenol	6.27	94	781958	35.46	ng	#	74
11) bis(2-Chloroethyl)ether	6.34	93	754680	42.84	ng		99
12) 1,3-Dichlorobenzene	6.53	146	719961	38.63	ng		98
13) 1,4-Dichlorobenzene	6.61	146	754323	39.30	ng		97
14) 1,2-Dichlorobenzene	6.76	146	662045	38.30	ng		98
15) Benzyl Alcohol	6.75	79	571218	42.56	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.87	45	1144553	41.23	ng		74
17) 2-Methylphenol	6.87	107	555146	37.76	ng		93
18) Hexachloroethane	7.10	117	279200	38.18	ng		98
19) n-Nitroso-di-n-propylamine	7.02	70	506456	40.92	ng		96
20) 3+4-Methylphenols	7.03	107	721171	37.73	ng		95
22) Acetophenone	7.01	105	1017243	41.72	ng	#	97
24) Nitrobenzene	7.19	77	738402	39.47	ng		97
25) Isophorone	7.43	82	1452803	40.17	ng		100
26) 2-Nitrophenol	7.50	139	406307	41.53	ng		94
27) 2,4-Dimethylphenol	7.55	122	630917	44.33	ng		95
28) bis(2-Chloroethoxy)methane	7.64	93	931283	40.96	ng		98
29) 2,4-Dichlorophenol	7.75	162	590232	40.38	ng		97
30) 1,2,4-Trichlorobenzene	7.82	180	645673	39.86	ng		98
31) Naphthalene	7.90	128	2142522	42.65	ng		99
32) Benzoic acid	7.70	122	260446	27.92	ng		97
33) 4-Chloroaniline	7.96	127	184876	8.08	ng		99
34) Hexachlorobutadiene	8.02	225	360613	38.52	ng		98
35) Caprolactam	8.35	113	141810m	29.65	ng		
36) 4-Chloro-3-methylphenol	8.46	107	634202	40.11	ng		99
37) 2-Methylnaphthalene	8.59	142	1390808	40.46	ng		98
38) 1-Methylnaphthalene	8.69	142	1351776	40.55	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.76	216	638996	41.17	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.74	237	436819	69.20	ng	99
43) 2,4,6-Trichlorophenol	8.88	196	398956	38.29	ng	99
44) 2,4,5-Trichlorophenol	8.93	196	424329	35.46	ng	98
46) 1,1'-Biphenyl	9.06	154	1707958	42.35	ng	99
47) 2-Chloronaphthalene	9.08	162	1268634	39.21	ng	99
48) 2-Nitroaniline	9.19	65	431007	36.51	ng	99
49) Acenaphthylene	9.49	152	1970157	39.87	ng	99
50) Dimethylphthalate	9.37	163	1476954	37.96	ng	99
51) 2,6-Dinitrotoluene	9.43	165	322764	37.16	ng	96
52) Acenaphthene	9.66	154	1203317	40.62	ng	99
53) 3-Nitroaniline	9.60	138	110878	10.71	ng	99
54) 2,4-Dinitrophenol	9.72	184	92659	22.60	ng	97
55) Dibenzofuran	9.83	168	1686209	39.53	ng	98
56) 4-Nitrophenol	9.79	139	287076	51.59	ng	91
57) 2,4-Dinitrotoluene	9.83	165	379344	37.23	ng	91
58) Fluorene	10.18	166	1323965	40.75	ng	99
59) 2,3,4,6-Tetrachlorophenol	9.96	232	332500	36.93	ng	99
60) Diethylphthalate	10.06	149	1456133	38.76	ng	99
61) 4-Chlorophenyl-phenylether	10.17	204	640186	37.90	ng	95
62) 4-Nitroaniline	10.22	138	254307	26.37	ng	99
63) Azobenzene	10.33	77	1399987	39.43	ng	96
65) 4,6-Dinitro-2-methylphenol	10.25	198	118179	22.16	ng	92
66) n-Nitrosodiphenylamine	10.30	169	1241757	42.57	ng	99
67) 4-Bromophenyl-phenylether	10.66	248	400966	39.19	ng	94
68) Hexachlorobenzene	10.73	284	426695	39.87	ng	95
69) Atrazine	10.83	200	335180	38.40	ng	99
70) Pentachlorophenol	10.93	266	265947	58.42	ng	100
71) Phenanthrene	11.14	178	1829704	41.30	ng	99
72) Anthracene	11.19	178	1962871	41.39	ng	99
73) Carbazole	11.35	167	1729224	39.02	ng	99
74) Di-n-butylphthalate	11.69	149	2213989	41.45	ng	99
75) Fluoranthene	12.32	202	1968991	41.47	ng	99
77) Benzidine	12.45	184	389836	19.26	ng	95
78) Pyrene	12.55	202	1973897	39.94	ng	100
80) Butylbenzylphthalate	13.18	149	887799	38.15	ng	93
81) Benzo(a)anthracene	13.74	228	1445692	39.54	ng	99
82) 3,3'-Dichlorobenzidine	13.71	252	260689	18.92	ng	96
83) Chrysene	13.78	228	1572723	40.06	ng	99
84) Bis(2-ethylhexyl)phthalate	13.74	149	1136877	39.27	ng	99
85) Di-n-octyl phthalate	14.35	149	2038356	39.13	ng	98
86) Indeno(1,2,3-cd)pyrene	16.44	276	1244600	34.93	ng	98
88) Benzo(b)fluoranthene	14.75	252	1316814	41.27	ng	98
89) Benzo(k)fluoranthene	14.78	252	1260969	45.61	ng	97
90) Benzo(a)pyrene	15.08	252	1131636	39.54	ng	98
91) Dibenzo(a,h)anthracene	16.45	278	1034426	40.80	ng	99
92) Benzo(g,h,i)perylene	16.83	276	1009920	39.50	ng	97

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

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