Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
Data File : BF122622.D
Acq On : 9 Dec 2020 21:24
Operator : JU/CG
Sample : L4984-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR3-A-D-COMPMS

Manual Integrations APPROVED
mohammad
12/10/2020 2:43:17 PM

Quant Time: Dec 10 02:51:29 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 12:08:49 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.840	152	190580	20.00	ng		0.00
21) Naphthalene-d8	8.128	136	760228	20.00	ng		0.00
39) Acenaphthene-d10	9.880	164	411718	20.00	ng		0.00
64) Phenanthrene-d10	11.369	188	771730	20.00	ng		0.00
76) Chrysene-d12	14.010	240	616727	20.00	ng		0.00
86) Perylene-d12	15.468	264	553545	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	1287545	106.96	ng		0.02
7) Phenol-d6	6.481	99	1535990	96.21	ng		0.00
23) Nitrobenzene-d5	7.410	82	1155230	76.13	ng		0.00
42) 2,4,6-Tribromophenol	10.675	330	599452	111.23	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	2096647	68.88	ng		0.00
79) Terphenyl-d14	12.957	244	2340880	66.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.781	88	204574	36.16	ng	#	85
3) Pyridine	3.481	79	467903	31.29	ng		98
4) n-Nitrosodimethylamine	3.422	42	257126	42.87	ng		99
6) Aniline	6.504	93	164748	8.77	ng	#	79
8) 2-Chlorophenol	6.628	128	601434	45.33	ng		99
9) Benzaldehyde	6.392	77	278077	28.78	ng		99
10) Phenol	6.492	94	627406	37.92	ng		89
11) bis(2-Chloroethyl)ether	6.581	93	570906	45.17	ng		98
12) 1,3-Dichlorobenzene	6.781	146	614942	39.17	ng		97
13) 1,4-Dichlorobenzene	6.857	146	617818	39.03	ng		98
14) 1,2-Dichlorobenzene	7.010	146	601840	39.38	ng		99
15) Benzyl Alcohol	6.987	79	515157	46.86	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.116	45	727189	40.35	ng		94
17) 2-Methylphenol	7.098	107	484972	45.98	ng		99
18) Hexachloroethane	7.357	117	217297	38.52	ng		95
19) n-Nitroso-di-n-propyla...	7.263	70	410056	44.84	ng		99
20) 3+4-Methylphenols	7.251	107	566721	42.53	ng	#	87
22) Acetophenone	7.251	105	782139	41.38	ng	#	96
24) Nitrobenzene	7.428	77	628690	41.65	ng		98
25) Isophorone	7.669	82	1153073	44.12	ng		99
26) 2-Nitrophenol	7.739	139	326119	44.30	ng		98
27) 2,4-Dimethylphenol	7.781	122	511919	47.44	ng		99
28) bis(2-Chloroethoxy)met...	7.875	93	725181	40.52	ng		99
29) 2,4-Dichlorophenol	7.986	162	531348	42.17	ng		99
30) 1,2,4-Trichlorobenzene	8.069	180	543349	38.06	ng		99
31) Naphthalene	8.151	128	1708067	40.72	ng		100
32) Benzoic acid	7.886	122	133543	15.53	ng		97
33) 4-Chloroaniline	8.192	127	92475	5.27	ng		99
34) Hexachlorobutadiene	8.263	225	317335	36.11	ng		98
35) Caprolactam	8.575	113	131702m	34.70	ng		
36) 4-Chloro-3-methylphenol	8.686	107	552143	44.48	ng		99
37) 2-Methylnaphthalene	8.839	142	1155592	41.64	ng		99
38) 1-Methylnaphthalene	8.939	142	1083472	41.27	ng		99
40) 1,2,4,5-Tetrachloroben...	9.010	216	543679	39.87	ng		99
41) Hexachlorocyclopentadiene	8.992	237	526367	87.30	ng		97
43) 2,4,6-Trichlorophenol	9.122	196	378460	40.18	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	411389	42.26	ng		98
46) 1,1'-Biphenyl	9.304	154	1388606	40.64	ng		99
47) 2-Chloronaphthalene	9.328	162	1122794	39.66	ng		99
48) 2-Nitroaniline	9.422	65	340277	41.23	ng		92
49) Acenaphthylene	9.745	152	1737340	41.55	ng		100
50) Dimethylphthalate	9.610	163	1480791	45.03	ng		99
51) 2,6-Dinitrotoluene	9.669	165	315131	45.38	ng		97
52) Acenaphthene	9.916	154	1169483m	43.23	ng		
53) 3-Nitroaniline	9.833	138	69822	8.70	ng		98
54) 2,4-Dinitrophenol	9.945	184	236741	69.73	ng		95
55) Dibenzofuran	10.092	168	1579576	41.51	ng		98
56) 4-Nitrophenol	10.004	139	441759	77.21	ng		90
57) 2,4-Dinitrotoluene	10.075	165	418306	45.22	ng		99
58) Fluorene	10.433	166	1212545	40.06	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	352291	41.19	ng		100
60) Diethylphthalate	10.304	149	1320019	41.27	ng		100
61) 4-Chlorophenyl-phenyle...	10.422	204	584838	39.24	ng		99
62) 4-Nitroaniline	10.451	138	301877	37.06	ng		98
63) Azobenzene	10.580	77	1235148	42.01	ng		100
65) 4,6-Dinitro-2-methylph...	10.480	198	190784	40.54	ng		94
66) n-Nitrosodiphenylamine	10.545	169	1112912	40.81	ng		99
67) 4-Bromophenyl-phenylether	10.910	248	408729	39.08	ng		97
68) Hexachlorobenzene	10.980	284	459836	39.78	ng		99
69) Atrazine	11.069	200	315918	35.67	ng		99
70) Pentachlorophenol	11.175	266	438530	71.60	ng		98
71) Phenanthrene	11.392	178	1858224	40.52	ng		99
72) Anthracene	11.445	178	1927539	42.38	ng		100
73) Carbazole	11.598	167	1740680	42.20	ng		99
74) Di-n-butylphthalate	11.927	149	1989447	38.39	ng		100
75) Fluoranthene	12.580	202	1983957	41.25	ng		100
77) Benzidine	12.704	184	279061	20.92	ng	#	61
78) Pyrene	12.810	202	1985719	41.64	ng		99
80) Butylbenzylphthalate	13.427	149	870475	40.53	ng		99
81) Benzo(a)anthracene	13.998	228	1727635	41.92	ng		99
82) 3,3'-Dichlorobenzidine	13.957	252	152656	10.34	ng		98
83) Chrysene	14.039	228	1754114	42.77	ng		99
84) Bis(2-ethylhexyl)phtha...	13.986	149	1114254	37.88	ng		98
85) Di-n-octyl phthalate	14.598	149	1917979	39.31	ng		99
87) Indeno(1,2,3-cd)pyrene	16.933	276	1626546	44.77	ng		99
88) Benzo(b)fluoranthene	15.051	252	1807404	46.54	ng		97
89) Benzo(k)fluoranthene	15.080	252	1512634	42.60	ng		99
90) Benzo(a)pyrene	15.410	252	1439632	42.37	ng		99
91) Dibenzo(a,h)anthracene	16.951	278	1335373	44.90	ng		98
92) Benzo(g,h,i)perylene	17.374	276	1377263	47.85	ng		99

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

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