Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111920\
Data File : BF122382.D
Acq On : 19 Nov 2020 16:02
Operator : JU/CG
Sample : L4804-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-BPM-04-012-ABCDMS

Manual Integrations APPROVED
mohammad
11/24/2020 8:54:05 AM

Quant Time: Nov 20 00:01:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 10 12:25:42 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	239051	20.00	ng		0.00
21) Naphthalene-d8	8.151	136	924615	20.00	ng		0.00
39) Acenaphthene-d10	9.910	164	498789	20.00	ng		0.00
64) Phenanthrene-d10	11.392	188	951248	20.00	ng		0.00
76) Chrysene-d12	14.033	240	873400	20.00	ng		0.00
86) Perylene-d12	15.498	264	875462	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	1716917	110.28	ng		0.01
7) Phenol-d6	6.493	99	2232050	109.59	ng		0.00
23) Nitrobenzene-d5	7.428	82	1394909	92.36	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	709138	132.46	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	2484456	77.83	ng		0.00
79) Terphenyl-d14	12.980	244	2909171	70.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.681	88	274275	38.42	ng		88
3) Pyridine	3.422	79	774105	39.42	ng		90
4) n-Nitrosodimethylamine	3.375	42	346381	37.42	ng		89
6) Aniline	6.528	93	553563	20.72	ng		95
8) 2-Chlorophenol	6.651	128	745331	46.16	ng		89
9) Benzaldehyde	6.410	77	111853	7.23	ng		96
10) Phenol	6.504	94	991494	49.44	ng		79
11) bis(2-Chloroethyl)ether	6.598	93	687676	43.14	ng		96
12) 1,3-Dichlorobenzene	6.810	146	794470m	43.34	ng		
13) 1,4-Dichlorobenzene	6.881	146	799249	43.41	ng		99
14) 1,2-Dichlorobenzene	7.034	146	776835	45.21	ng		99
15) Benzyl Alcohol	7.004	79	628698	43.42	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.140	45	971329	41.80	ng		97
17) 2-Methylphenol	7.116	107	606762	45.03	ng		98
18) Hexachloroethane	7.381	117	285447	44.52	ng		98
19) n-Nitroso-di-n-propyla...	7.281	70	510115	41.91	ng		94
20) 3+4-Methylphenols	7.269	107	734117	44.27	ng	#	86
22) Acetophenone	7.275	105	950248	39.46	ng	#	88
24) Nitrobenzene	7.445	77	773487	44.76	ng		97
25) Isophorone	7.687	82	1374452	40.82	ng		97
26) 2-Nitrophenol	7.763	139	377247	49.96	ng		99
27) 2,4-Dimethylphenol	7.798	122	649565	40.90	ng		100
28) bis(2-Chloroethoxy)met...	7.898	93	875859	42.53	ng		99
29) 2,4-Dichlorophenol	8.004	162	638897	45.44	ng		98
30) 1,2,4-Trichlorobenzene	8.092	180	670933	43.23	ng		96
31) Naphthalene	8.175	128	2075598	42.22	ng		99
32) Benzoic acid	7.869	122	67086m	14.33	ng		
33) 4-Chloroaniline	8.216	127	250374	11.69	ng		96
34) Hexachlorobutadiene	8.292	225	391353	43.88	ng		98
35) Caprolactam	8.586	113	192808m	43.26	ng		
36) 4-Chloro-3-methylphenol	8.698	107	662392	45.17	ng		96
37) 2-Methylnaphthalene	8.863	142	1403124	43.20	ng		99
38) 1-Methylnaphthalene	8.963	142	1315234	43.26	ng		100
40) 1,2,4,5-Tetrachloroben...	9.034	216	651194	42.37	ng		99
41) Hexachlorocyclopentadiene	9.022	237	763534	84.96	ng		98
43) 2,4,6-Trichlorophenol	9.139	196	465602	46.64	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	492657	47.08	ng		98
46) 1,1'-Biphenyl	9.328	154	1676514	42.23	ng		99
47) 2-Chloronaphthalene	9.351	162	1345689	42.70	ng		99
48) 2-Nitroaniline	9.445	65	409463	44.09	ng		92
49) Acenaphthylene	9.769	152	2096274	43.28	ng		99
50) Dimethylphthalate	9.633	163	1717193	48.43	ng		100
51) 2,6-Dinitrotoluene	9.686	165	368922	46.86	ng		90
52) Acenaphthene	9.945	154	1342039	44.77	ng		99
53) 3-Nitroaniline	9.851	138	212038	25.40	ng		100
54) 2,4-Dinitrophenol	9.957	184	192477	66.25	ng		90
55) Dibenzofuran	10.116	168	1918892	43.69	ng		98
56) 4-Nitrophenol	10.016	139	623249	80.56	ng		98
57) 2,4-Dinitrotoluene	10.092	165	501623	50.21	ng	#	87
58) Fluorene	10.457	166	1438766	42.78	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.228	232	424739	48.81	ng		97
60) Diethylphthalate	10.333	149	1550634	44.58	ng		98
61) 4-Chlorophenyl-phenyle...	10.445	204	713730	44.95	ng		97
62) 4-Nitroaniline	10.475	138	390686	44.69	ng		97
63) Azobenzene	10.610	77	1498239	41.06	ng		93
65) 4,6-Dinitro-2-methylph...	10.498	198	188840	46.98	ng		96
66) n-Nitrosodiphenylamine	10.569	169	1349666	41.64	ng		94
67) 4-Bromophenyl-phenylether	10.939	248	492435	44.05	ng		96
68) Hexachlorobenzene	11.004	284	546114	45.22	ng		95
69) Atrazine	11.092	200	388078	48.08	ng		99
70) Pentachlorophenol	11.198	266	552626	79.42	ng		99
71) Phenanthrene	11.416	178	2245354	41.60	ng		98
72) Anthracene	11.469	178	2324017	41.78	ng		98
73) Carbazole	11.622	167	2121269	41.92	ng		99
74) Di-n-butylphthalate	11.957	149	2384021	44.19	ng		99
75) Fluoranthene	12.604	202	2477600	43.97	ng		99
77) Benzidine	12.722	184	973886	40.20	ng		99
78) Pyrene	12.833	202	2530569	41.24	ng		99
80) Butylbenzylphthalate	13.457	149	1086244	44.41	ng		92
81) Benzo(a)anthracene	14.021	228	2276467	41.91	ng		100
82) 3,3'-Dichlorobenzidine	13.980	252	436807	21.58	ng		99
83) Chrysene	14.063	228	2325908	42.51	ng		97
84) Bis(2-ethylhexyl)phtha...	14.016	149	1364356	46.12	ng		97
85) Di-n-octyl phthalate	14.627	149	2476967	49.40	ng		97
87) Indeno(1,2,3-cd)pyrene	16.974	276	2474780	47.11	ng		99
88) Benzo(b)fluoranthene	15.074	252	2604463	45.94	ng		100
89) Benzo(k)fluoranthene	15.110	252	2167718	39.21	ng		99
90) Benzo(a)pyrene	15.445	252	2163826	43.78	ng		99
91) Dibenzo(a,h)anthracene	16.992	278	2012602	45.74	ng		99
92) Benzo(g,h,i)perylene	17.421	276	2079178	48.59	ng		99

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

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