Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121720\
Data File : BF122771.D
Acq On : 17 Dec 2020 18:38
Operator : JU/CG
Sample : L5118-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
R-LA-37-2-WCMS

Manual Integrations APPROVED
mohammad
12/21/2020 10:40:42 AM

Quant Time: Dec 18 01:43:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.816	152	186970	20.00	ng		0.00
21) Naphthalene-d8	8.104	136	725085	20.00	ng		0.00
39) Acenaphthene-d10	9.863	164	389545	20.00	ng		0.00
64) Phenanthrene-d10	11.345	188	707461	20.00	ng		0.00
76) Chrysene-d12	13.992	240	559579	20.00	ng		0.00
86) Perylene-d12	15.445	264	537877	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	1408926	119.30	ng		0.02
7) Phenol-d6	6.463	99	1848595	118.02	ng		0.00
23) Nitrobenzene-d5	7.387	82	1126660	77.85	ng		0.00
42) 2,4,6-Tribromophenol	10.657	330	573791	112.53	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	1890304	65.63	ng		0.00
79) Terphenyl-d14	12.933	244	2043598	63.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	196188	35.34	ng		97
3) Pyridine	3.410	79	551801	37.61	ng		96
4) n-Nitrosodimethylamine	3.363	42	231906	39.41	ng		94
6) Aniline	6.487	93	319118	17.31	ng		99
8) 2-Chlorophenol	6.604	128	548578	42.14	ng		98
9) Benzaldehyde	6.369	77	196418	20.72	ng		97
10) Phenol	6.475	94	669266	41.24	ng		95
11) bis(2-Chloroethyl)ether	6.557	93	503685	40.62	ng		99
12) 1,3-Dichlorobenzene	6.763	146	575186	37.34	ng		99
13) 1,4-Dichlorobenzene	6.840	146	582419	37.50	ng		100
14) 1,2-Dichlorobenzene	6.987	146	558703	37.27	ng		99
15) Benzyl Alcohol	6.969	79	436415	40.47	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	621463	35.15	ng		97
17) 2-Methylphenol	7.081	107	437362	42.27	ng		98
18) Hexachloroethane	7.334	117	205006	37.04	ng		97
19) n-Nitroso-di-n-propyla...	7.240	70	347209	38.70	ng		99
20) 3+4-Methylphenols	7.234	107	514930	39.39	ng		94
22) Acetophenone	7.234	105	672124	37.28	ng	#	96
24) Nitrobenzene	7.404	77	543751	37.77	ng		98
25) Isophorone	7.645	82	978168	39.24	ng		99
26) 2-Nitrophenol	7.722	139	293464	41.79	ng		93
27) 2,4-Dimethylphenol	7.763	122	472394	45.90	ng		99
28) bis(2-Chloroethoxy)met...	7.857	93	626737	36.72	ng		99
29) 2,4-Dichlorophenol	7.969	162	464583	38.65	ng		99
30) 1,2,4-Trichlorobenzene	8.045	180	488937	35.91	ng		99
31) Naphthalene	8.128	128	1508904	37.71	ng		99
32) Benzoic acid	7.910	122	311570	38.00	ng		97
33) 4-Chloroaniline	8.175	127	143041	8.55	ng		98
34) Hexachlorobutadiene	8.245	225	284100	33.90	ng		99
35) Caprolactam	8.557	113	145976m	40.33	ng		
36) 4-Chloro-3-methylphenol	8.669	107	486458	41.09	ng		98
37) 2-Methylnaphthalene	8.822	142	1002349	37.87	ng		98
38) 1-Methylnaphthalene	8.916	142	934603	37.33	ng		98
40) 1,2,4,5-Tetrachloroben...	8.986	216	470721	36.48	ng		99
41) Hexachlorocyclopentadiene	8.975	237	431862	75.70	ng		97
43) 2,4,6-Trichlorophenol	9.098	196	324053	36.37	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	351125	38.12	ng		96
46) 1,1'-Biphenyl	9.286	154	1201521	37.17	ng		98
47) 2-Chloronaphthalene	9.310	162	958708	35.79	ng		99
48) 2-Nitroaniline	9.404	65	279078	35.74	ng		95
49) Acenaphthylene	9.728	152	1469293	37.14	ng		100
50) Dimethylphthalate	9.586	163	1354499	43.54	ng		99
51) 2,6-Dinitrotoluene	9.651	165	263676	40.13	ng		98
52) Acenaphthene	9.898	154	1031257m	40.29	ng		
53) 3-Nitroaniline	9.816	138	97925	12.90	ng		99
54) 2,4-Dinitrophenol	9.933	184	260223	81.00	ng	#	88
55) Dibenzofuran	10.069	168	1322802	36.74	ng		100
56) 4-Nitrophenol	9.992	139	394314	72.84	ng		96
57) 2,4-Dinitrotoluene	10.057	165	344390	39.35	ng		99
58) Fluorene	10.410	166	1020039	35.62	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	295010	36.45	ng		99
60) Diethylphthalate	10.286	149	1085677	35.88	ng		100
61) 4-Chlorophenyl-phenyle...	10.404	204	494285	35.05	ng		94
62) 4-Nitroaniline	10.439	138	257735	33.44	ng		94
63) Azobenzene	10.563	77	1017637	36.59	ng		96
65) 4,6-Dinitro-2-methylph...	10.469	198	194988	45.20	ng		94
66) n-Nitrosodiphenylamine	10.522	169	949064	37.97	ng		100
67) 4-Bromophenyl-phenylether	10.892	248	344268	35.91	ng	#	91
68) Hexachlorobenzene	10.963	284	385657	36.39	ng		93
69) Atrazine	11.051	200	271699	33.47	ng		100
70) Pentachlorophenol	11.157	266	410310	73.07	ng		98
71) Phenanthrene	11.375	178	1530369	36.40	ng		99
72) Anthracene	11.428	178	1582157	37.95	ng		99
73) Carbazole	11.580	167	1416894	37.47	ng		100
74) Di-n-butylphthalate	11.910	149	1658372	34.91	ng		98
75) Fluoranthene	12.563	202	1615066	36.63	ng		99
77) Benzidine	12.680	184	500033	41.31	ng		99
78) Pyrene	12.792	202	1621524	37.48	ng		100
80) Butylbenzylphthalate	13.404	149	698703	35.85	ng		99
81) Benzo(a)anthracene	13.980	228	1406749	37.62	ng		98
82) 3,3'-Dichlorobenzidine	13.939	252	281968	21.05	ng		99
83) Chrysene	14.016	228	1396000	37.51	ng		99
84) Bis(2-ethylhexyl)phtha...	13.963	149	920265	34.48	ng		99
85) Di-n-octyl phthalate	14.574	149	1574823	35.58	ng		99
87) Indeno(1,2,3-cd)pyrene	16.898	276	1309906	37.10	ng		100
88) Benzo(b)fluoranthene	15.027	252	1455529	38.57	ng		98
89) Benzo(k)fluoranthene	15.057	252	1324738	38.39	ng		99
90) Benzo(a)pyrene	15.386	252	1217156	36.87	ng		99
91) Dibenzo(a,h)anthracene	16.915	278	1075864	37.23	ng		99
92) Benzo(g,h,i)perylene	17.333	276	1086143	38.84	ng		100

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

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