Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121620\
Data File : BF122748.D
Acq On : 16 Dec 2020 14:08
Operator : JU/CG
Sample : L5091-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHRT-20057MSD

Manual Integrations APPROVED
mohammad
12/17/2020 11:38:15 AM

Quant Time: Dec 16 15:02:38 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	194668	20.00	ng		0.00
21) Naphthalene-d8	8.104	136	779945	20.00	ng		0.00
39) Acenaphthene-d10	9.863	164	425742	20.00	ng		0.00
64) Phenanthrene-d10	11.345	188	751755	20.00	ng		0.00
76) Chrysene-d12	13.992	240	496638	20.00	ng		0.00
86) Perylene-d12	15.445	264	514568	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.445	112	1214433	98.76	ng		0.01
7) Phenol-d6	6.457	99	1581520	96.98	ng		0.00
23) Nitrobenzene-d5	7.386	82	1007818	64.74	ng		0.00
42) 2,4,6-Tribromophenol	10.651	330	521312	93.55	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	1821777	57.88	ng		0.00
79) Terphenyl-d14	12.933	244	1817813	64.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.616	88	195744	33.87	ng		99
3) Pyridine	3.357	79	573102	37.52	ng		99
4) n-Nitrosodimethylamine	3.316	42	244615	39.93	ng		98
6) Aniline	6.481	93	432179	22.51	ng		96
8) 2-Chlorophenol	6.604	128	598736	44.18	ng		97
9) Benzaldehyde	6.363	77	221113	22.40	ng		100
10) Phenol	6.469	94	728020	43.08	ng		98
11) bis(2-Chloroethyl)ether	6.557	93	548179	42.46	ng		98
12) 1,3-Dichlorobenzene	6.757	146	619911	38.66	ng		98
13) 1,4-Dichlorobenzene	6.834	146	619325	38.30	ng		98
14) 1,2-Dichlorobenzene	6.987	146	599716	38.42	ng		99
15) Benzyl Alcohol	6.963	79	495422	44.12	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	689305	37.44	ng		96
17) 2-Methylphenol	7.081	107	490136	45.49	ng		99
18) Hexachloroethane	7.334	117	222026	38.53	ng		96
19) n-Nitroso-di-n-propyla...	7.239	70	386860	41.41	ng		98
20) 3+4-Methylphenols	7.234	107	551584	40.53	ng		98
22) Acetophenone	7.234	105	732332	37.76	ng	#	95
24) Nitrobenzene	7.404	77	595783	38.47	ng		99
25) Isophorone	7.645	82	1115034	41.59	ng		98
26) 2-Nitrophenol	7.722	139	323201	42.79	ng		93
27) 2,4-Dimethylphenol	7.763	122	530498	47.92	ng		98
28) bis(2-Chloroethoxy)met...	7.857	93	706726	38.49	ng		100
29) 2,4-Dichlorophenol	7.969	162	514743	39.82	ng		98
30) 1,2,4-Trichlorobenzene	8.045	180	541381	36.96	ng		99
31) Naphthalene	8.128	128	1650975	38.36	ng		99
32) Benzoic acid	7.898	122	265428	30.09	ng		98
33) 4-Chloroaniline	8.175	127	230888	12.83	ng		98
34) Hexachlorobutadiene	8.245	225	319565	35.45	ng		99
35) Caprolactam	8.557	113	156632m	40.23	ng		
36) 4-Chloro-3-methylphenol	8.669	107	542289	42.58	ng		99
37) 2-Methylnaphthalene	8.822	142	1125183	39.52	ng		98
38) 1-Methylnaphthalene	8.916	142	1054069	39.14	ng		99
40) 1,2,4,5-Tetrachloroben...	8.986	216	528933	37.51	ng		99
41) Hexachlorocyclopentadiene	8.975	237	376741	60.42	ng		96
43) 2,4,6-Trichlorophenol	9.098	196	373292	38.33	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	402600	39.99	ng		97
46) 1,1'-Biphenyl	9.286	154	1338401	37.88	ng		98
47) 2-Chloronaphthalene	9.310	162	1067225	36.46	ng		99
48) 2-Nitroaniline	9.404	65	316970	37.14	ng		94
49) Acenaphthylene	9.728	152	1633833	37.79	ng		100
50) Dimethylphthalate	9.592	163	1485127	43.68	ng		100
51) 2,6-Dinitrotoluene	9.651	165	298458	41.56	ng		98
52) Acenaphthene	9.898	154	1057311m	37.79	ng		
53) 3-Nitroaniline	9.816	138	160137	19.30	ng		97
54) 2,4-Dinitrophenol	9.928	184	143433	40.85	ng	#	90
55) Dibenzofuran	10.069	168	1472440	37.42	ng		100
56) 4-Nitrophenol	9.992	139	461524	78.00	ng		96
57) 2,4-Dinitrotoluene	10.057	165	375134	39.22	ng		99
58) Fluorene	10.410	166	1133571	36.22	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	344373	38.94	ng		98
60) Diethylphthalate	10.286	149	1263271	38.20	ng		100
61) 4-Chlorophenyl-phenyle...	10.398	204	548817	35.61	ng		99
62) 4-Nitroaniline	10.433	138	267541	31.76	ng		98
63) Azobenzene	10.563	77	1141592	37.55	ng		95
65) 4,6-Dinitro-2-methylph...	10.463	198	116476	25.41	ng		98
66) n-Nitrosodiphenylamine	10.522	169	1057581	39.81	ng		99
67) 4-Bromophenyl-phenylether	10.892	248	392446	38.52	ng		92
68) Hexachlorobenzene	10.963	284	419458	37.25	ng		94
69) Atrazine	11.051	200	306118	35.49	ng		99
70) Pentachlorophenol	11.157	266	448601	75.19	ng		99
71) Phenanthrene	11.374	178	2056813	46.04	ng		99
72) Anthracene	11.427	178	1783667	40.26	ng		100
73) Carbazole	11.580	167	1539826	38.32	ng		100
74) Di-n-butylphthalate	11.910	149	1905415	37.74	ng		100
75) Fluoranthene	12.563	202	2304918	49.20	ng		99
77) Benzidine	12.680	184	378458	35.23	ng		99
78) Pyrene	12.792	202	2335065	60.81	ng		99
80) Butylbenzylphthalate	13.404	149	777357	44.95	ng		98
81) Benzo(a)anthracene	13.980	228	1694451	51.05	ng		99
82) 3,3'-Dichlorobenzidine	13.939	252	294644	24.79	ng		99
83) Chrysene	14.021	228	1627708	49.28	ng		98
84) Bis(2-ethylhexyl)phtha...	13.968	149	1065365	44.98	ng	#	99
85) Di-n-octyl phthalate	14.580	149	1754202	44.65	ng		98
87) Indeno(1,2,3-cd)pyrene	16.904	276	1615119	47.82	ng		100
88) Benzo(b)fluoranthene	15.027	252	1880612	52.09	ng		99
89) Benzo(k)fluoranthene	15.057	252	1235021	37.41	ng		99
90) Benzo(a)pyrene	15.392	252	1444713	45.74	ng		100
91) Dibenzo(a,h)anthracene	16.915	278	1224461	44.29	ng		100
92) Benzo(g,h,i)perylene	17.339	276	1416460	52.94	ng		98

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

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