Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121520\
Data File : BF122720.D
Acq On : 15 Dec 2020 17:38
Operator : JU/CG
Sample : L5022-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WCS-OH-E6MS

Manual Integrations APPROVED
mohammad
12/17/2020 9:53:29 AM

Quant Time: Dec 16 01:53:56 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	6.822	152	139015	20.00	ng		0.00
21) Naphthalene-d8	8.104	136	507850	20.00	ng		0.00
39) Acenaphthene-d10	9.857	164	239108	20.00	ng		0.00
64) Phenanthrene-d10	11.339	188	382593	20.00	ng		0.00
76) Chrysene-d12	13.986	240	301811	20.00	ng		0.00
86) Perylene-d12	15.439	264	336869	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	1013692	115.44	ng		0.02
7) Phenol-d6	6.457	99	1145309	98.35	ng		0.00
23) Nitrobenzene-d5	7.386	82	840669	82.94	ng		0.00
42) 2,4,6-Tribromophenol	10.651	330	369166	117.95	ng		0.00
45) 2-Fluorobiphenyl	9.180	172	1483379	83.91	ng		0.00
79) Terphenyl-d14	12.927	244	1352642	78.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.710	88	139818	33.88	ng	#	84
3) Pyridine	3.416	79	357943	32.81	ng		97
4) n-Nitrosodimethylamine	3.357	42	163919	37.47	ng		99
6) Aniline	6.481	93	269999	19.70	ng	#	88
8) 2-Chlorophenol	6.604	128	389628	40.26	ng		99
9) Benzaldehyde	6.369	77	94403	13.39	ng		99
10) Phenol	6.469	94	399377	33.10	ng		88
11) bis(2-Chloroethyl)ether	6.557	93	382450	41.48	ng		99
12) 1,3-Dichlorobenzene	6.763	146	432609	37.78	ng		100
13) 1,4-Dichlorobenzene	6.839	146	439379	38.05	ng		99
14) 1,2-Dichlorobenzene	6.992	146	412788	37.03	ng		99
15) Benzyl Alcohol	6.963	79	294221	36.69	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.098	45	470086	35.76	ng		95
17) 2-Methylphenol	7.075	107	306403	39.83	ng		99
18) Hexachloroethane	7.334	117	150927	36.68	ng		97
19) n-Nitroso-di-n-propyla...	7.234	70	246820	37.00	ng		98
20) 3+4-Methylphenols	7.228	107	349202	35.93	ng	#	85
22) Acetophenone	7.228	105	498338	39.46	ng	#	97
24) Nitrobenzene	7.404	77	396063	39.28	ng		99
25) Isophorone	7.645	82	682271	39.08	ng		97
26) 2-Nitrophenol	7.722	139	199990	40.67	ng		90
27) 2,4-Dimethylphenol	7.757	122	316063	43.85	ng		97
28) bis(2-Chloroethoxy)met...	7.851	93	446767	37.37	ng		99
29) 2,4-Dichlorophenol	7.963	162	315351	37.46	ng		98
30) 1,2,4-Trichlorobenzene	8.045	180	359166	37.66	ng		98
31) Naphthalene	8.128	128	1110734	39.63	ng		99
32) Benzoic acid	7.875	122	195238	33.99	ng		96
33) 4-Chloroaniline	8.175	127	176881	15.10	ng		97
34) Hexachlorobutadiene	8.245	225	213603	36.39	ng		98
35) Caprolactam	8.533	113	67149m	26.48	ng		
36) 4-Chloro-3-methylphenol	8.657	107	301471	36.36	ng		98
37) 2-Methylnaphthalene	8.816	142	720264	38.85	ng		98
38) 1-Methylnaphthalene	8.916	142	655355	37.37	ng		99
40) 1,2,4,5-Tetrachloroben...	8.986	216	336372	42.47	ng		100
41) Hexachlorocyclopentadiene	8.969	237	295530	84.40	ng		97
43) 2,4,6-Trichlorophenol	9.092	196	212270	38.81	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	230464	40.76	ng		96
46) 1,1'-Biphenyl	9.280	154	843261	42.49	ng		99
47) 2-Chloronaphthalene	9.304	162	667467	40.60	ng		98
48) 2-Nitroaniline	9.398	65	171144	35.70	ng		92
49) Acenaphthylene	9.722	152	991461	40.83	ng		99
50) Dimethylphthalate	9.580	163	739669	38.73	ng		100
51) 2,6-Dinitrotoluene	9.639	165	161538	40.05	ng		90
52) Acenaphthene	9.892	154	681807m	43.39	ng		
53) 3-Nitroaniline	9.810	138	91450	19.62	ng		99
54) 2,4-Dinitrophenol	9.922	184	157106	79.67	ng	#	91
55) Dibenzofuran	10.063	168	892914	40.40	ng		98
56) 4-Nitrophenol	9.975	139	208317	62.69	ng		93
57) 2,4-Dinitrotoluene	10.045	165	205048	38.17	ng		97
58) Fluorene	10.404	166	679157	38.64	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.180	232	186322	37.51	ng		98
60) Diethylphthalate	10.280	149	676492	36.42	ng		99
61) 4-Chlorophenyl-phenyle...	10.398	204	330859	38.23	ng		96
62) 4-Nitroaniline	10.422	138	145791	30.82	ng		95
63) Azobenzene	10.557	77	649916	38.07	ng		98
65) 4,6-Dinitro-2-methylph...	10.457	198	104174	44.65	ng		93
66) n-Nitrosodiphenylamine	10.516	169	587852	43.48	ng		100
67) 4-Bromophenyl-phenylether	10.886	248	218447	42.14	ng		95
68) Hexachlorobenzene	10.957	284	237367	41.42	ng		95
69) Atrazine	11.039	200	152559	34.75	ng		99
70) Pentachlorophenol	11.151	266	248771	81.93	ng		98
71) Phenanthrene	11.369	178	958086	42.14	ng		99
72) Anthracene	11.422	178	975480	43.26	ng		99
73) Carbazole	11.574	167	852371	41.68	ng		98
74) Di-n-butylphthalate	11.904	149	978022	38.07	ng		99
75) Fluoranthene	12.557	202	958069	40.18	ng		98
77) Benzidine	12.674	184	197254	30.22	ng		99
78) Pyrene	12.786	202	961419	41.20	ng		98
80) Butylbenzylphthalate	13.404	149	389498	37.06	ng		92
81) Benzo(a)anthracene	13.974	228	846797	41.98	ng		98
82) 3,3'-Dichlorobenzidine	13.933	252	214950	29.75	ng		98
83) Chrysene	14.010	228	838701	41.78	ng		99
84) Bis(2-ethylhexyl)phtha...	13.963	149	535167	37.18	ng		99
85) Di-n-octyl phthalate	14.574	149	930043	38.95	ng		98
87) Indeno(1,2,3-cd)pyrene	16.886	276	1142926	51.69	ng		100
88) Benzo(b)fluoranthene	15.015	252	980960	41.50	ng		99
89) Benzo(k)fluoranthene	15.045	252	837239	38.74	ng		100
90) Benzo(a)pyrene	15.380	252	842477	40.74	ng		99
91) Dibenzo(a,h)anthracene	16.903	278	936281	51.73	ng		100
92) Benzo(g,h,i)perylene	17.321	276	987836	56.40	ng		99

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

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