Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
Data File : BF119036.D
Acq On : 24 Feb 2020 22:29
Operator : CG/JU
Sample : L1635-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 25 01:19:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 20 17:40:17 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
DUNR-TS001-01MSD

Manual Integrations APPROVED
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2/25/2020 4:19:23 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	158308	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	592294	20.00	ng		-0.01
39) Acenaphthene-d10	9.79	164	311376	20.00	ng		0.00
64) Phenanthrene-d10	11.27	188	529794	20.00	ng		0.00
76) Chrysene-d12	13.91	240	317028	20.00	ng		0.00
87) Perylene-d12	15.33	264	362680	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1090592	115.13	ng		0.00
7) Phenol-d6	6.40	99	1300972	112.92	ng		0.00
23) Nitrobenzene-d5	7.32	82	872510	77.78	ng		0.00
42) 2,4,6-Tribromophenol	10.58	330	439468	107.89	ng		0.00
45) 2-Fluorobiphenyl	9.12	172	1641979	77.68	ng		0.00
79) Terphenyl-d14	12.85	244	1592171	86.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	152539	36.167	ng		99
3) Pyridine	3.26	79	394238	34.227	ng		99
4) n-Nitrosodimethylamine	3.19	42	152458	43.693	ng		92
6) Aniline	6.42	93	192563	13.546	ng	#	1
8) 2-Chlorophenol	6.55	128	461796	45.172	ng		98
9) Benzaldehyde	6.30	77	195526	25.402	ng		100
10) Phenol	6.42	94	521151	41.839	ng		93
11) bis(2-Chloroethyl)ether	6.49	93	423642	44.451	ng		99
12) 1,3-Dichlorobenzene	6.70	146	512949	41.863	ng		100
13) 1,4-Dichlorobenzene	6.77	146	518228	42.265	ng		100
14) 1,2-Dichlorobenzene	6.93	146	477656	42.715	ng		99
15) Benzyl Alcohol	6.90	79	379295	45.553	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	342388	41.472	ng		86
17) 2-Methylphenol	7.02	107	359498	43.374	ng		95
18) Hexachloroethane	7.26	117	182604	41.627	ng		96
19) n-Nitroso-di-n-propylamine	7.17	70	295175	43.970	ng		98
20) 3+4-Methylphenols	7.17	107	446501	43.971	ng	#	76
22) Acetophenone	7.17	105	594087	43.351	ng		97
24) Nitrobenzene	7.34	77	461599	41.611	ng		99
25) Isophorone	7.58	82	824946	42.344	ng		100
26) 2-Nitrophenol	7.66	139	254545	43.307	ng		99
27) 2,4-Dimethylphenol	7.70	122	378700	47.473	ng		97
28) bis(2-Chloroethoxy)methane	7.79	93	504739	39.804	ng		100
29) 2,4-Dichlorophenol	7.90	162	385444	41.044	ng		99
30) 1,2,4-Trichlorobenzene	7.98	180	442011	39.698	ng		99
31) Naphthalene	8.06	128	1279427	41.652	ng		100
32) Benzoic acid	7.85	122	257452	44.756	ng		98
33) 4-Chloroaniline	8.11	127	69523	5.262	ng		99
34) Hexachlorobutadiene	8.18	225	272621	39.308	ng		97
35) Caprolactam	8.49	113	111921m	38.706	ng		
36) 4-Chloro-3-methylphenol	8.60	107	389882	41.023	ng		98
37) 2-Methylnaphthalene	8.75	142	867539	41.967	ng		100
38) 1-Methylnaphthalene	8.85	142	815224	41.933	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	439217	41.837	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	290527	76.494	ng	96
43) 2,4,6-Trichlorophenol	9.03	196	283803	42.808	ng	100
44) 2,4,5-Trichlorophenol	9.08	196	294954	42.398	ng	98
46) 1,1'-Biphenyl	9.22	154	1047462	41.623	ng	100
47) 2-Chloronaphthalene	9.24	162	811853	40.033	ng	99
48) 2-Nitroaniline	9.33	65	216186	38.220	ng	98
49) Acenaphthylene	9.65	152	1265609	43.210	ng	100
50) Dimethylphthalate	9.52	163	1118699	46.984	ng	99
51) 2,6-Dinitrotoluene	9.58	165	223922	42.330	ng	91
52) Acenaphthene	9.82	154	731418	41.414	ng	100
53) 3-Nitroaniline	9.75	138	69353	11.826	ng	98
54) 2,4-Dinitrophenol	9.86	184	197202	77.010	ng	92
55) Dibenzofuran	10.00	168	1104010	41.880	ng	99
56) 4-Nitrophenol	9.93	139	283901	80.573	ng	98
57) 2,4-Dinitrotoluene	9.99	165	279454	40.756	ng	96
58) Fluorene	10.34	166	856015	41.789	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.12	232	243228	41.435	ng	99
60) Diethylphthalate	10.22	149	941952	41.980	ng	99
61) 4-Chlorophenyl-phenylether	10.33	204	451430	41.635	ng	99
62) 4-Nitroaniline	10.36	138	183228	30.538	ng	96
63) Azobenzene	10.49	77	823857	42.241	ng	99
65) 4,6-Dinitro-2-methylphenol	10.40	198	153221	47.794	ng	95
66) n-Nitrosodiphenylamine	10.45	169	771143	44.453	ng	99
67) 4-Bromophenyl-phenylether	10.82	248	294045	42.461	ng	97
68) Hexachlorobenzene	10.89	284	329340	41.249	ng	95
69) Atrazine	10.97	200	260261	42.940	ng	99
70) Pentachlorophenol	11.09	266	303476	94.357	ng	99
71) Phenanthrene	11.30	178	1212994	41.983	ng	99
72) Anthracene	11.35	178	1257414	43.557	ng	100
73) Carbazole	11.50	167	1032803	40.159	ng	99
74) Di-n-butylphthalate	11.83	149	1331452	42.750	ng	100
75) Fluoranthene	12.48	202	1158367	37.771	ng	99
77) Benzidine	12.60	184	290808	22.555	ng	98
78) Pyrene	12.71	202	1147277	45.067	ng	99
80) Butylbenzylphthalate	13.33	149	485117	45.278	ng	93
81) Benzo(a)anthracene	13.90	228	917606	42.479	ng	100
82) 3,3'-Dichlorobenzidine	13.86	252	189105	22.545	ng	99
83) Chrysene	13.93	228	908707	42.219	ng	99
84) Bis(2-ethylhexyl)phthalate	13.89	149	655314	48.414	ng	100
85) Di-n-octyl phthalate	14.49	149	1038128	48.136	ng	100
86) Indeno(1,2,3-cd)pyrene	16.75	276	1197890	57.478	ng	98
88) Benzo(b)fluoranthene	14.93	252	938891	39.274	ng	99
89) Benzo(k)fluoranthene	14.96	252	931876	42.063	ng	99
90) Benzo(a)pyrene	15.27	252	880505	40.810	ng	99
91) Dibenzo(a,h)anthracene	16.76	278	1002048	52.784	ng	98
92) Benzo(g,h,i)perylene	17.17	276	1040854	55.491	ng	98

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

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