Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072020\
Data File : BF120934.D
Acq On : 20 Jul 2020 15:39
Operator : JU/CG
Sample : L3344-03MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-15-SMSD

Manual Integrations APPROVED
mohammad
7/21/2020 11:32:39 AM

Quant Time: Jul 20 16:09:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	188563	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	739942	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	395977	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	770939	20.00	ng		0.00
76) Chrysene-d12	13.98	240	583630	20.00	ng		0.00
86) Perylene-d12	15.43	264	600343	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	852889	74.15	ng		0.01
7) Phenol-d6	6.45	99	1075281	72.37	ng		0.00
23) Nitrobenzene-d5	7.38	82	666749	52.14	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	335957	77.51	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	1301879	49.09	ng		0.00
79) Terphenyl-d14	12.92	244	1371404	51.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	247921	46.833	ng		99
3) Pyridine	3.36	79	679982	48.287	ng		99
4) n-Nitrosodimethylamine	3.32	42	306906	50.967	ng		91
6) Aniline	6.48	93	678872	35.003	ng		98
8) 2-Chlorophenol	6.60	128	667313	52.664	ng		96
9) Benzaldehyde	6.36	77	168270	20.142	ng		97
10) Phenol	6.46	94	812939	49.739	ng		96
11) bis(2-Chloroethyl)ether	6.55	93	617884	49.328	ng		99
12) 1,3-Dichlorobenzene	6.76	146	662396	48.209	ng		99
13) 1,4-Dichlorobenzene	6.83	146	656185	48.028	ng		100
14) 1,2-Dichlorobenzene	6.99	146	637294	49.306	ng		99
15) Benzyl Alcohol	6.96	79	526641	50.121	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	874248	48.423	ng		99
17) 2-Methylphenol	7.07	107	526305	46.862	ng		99
18) Hexachloroethane	7.33	117	250238	50.604	ng		95
19) n-Nitroso-di-n-propylamine	7.24	70	408376	48.336	ng		99
20) 3+4-Methylphenols	7.23	107	572515	40.073	ng		91
22) Acetophenone	7.23	105	770830	46.417	ng	#	93
24) Nitrobenzene	7.40	77	671525	48.722	ng		98
25) Isophorone	7.65	82	1249156	48.945	ng		100
26) 2-Nitrophenol	7.72	139	359295	54.889	ng		98
27) 2,4-Dimethylphenol	7.76	122	564499	53.115	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	791681	50.817	ng		99
29) 2,4-Dichlorophenol	7.96	162	553130	50.932	ng		96
30) 1,2,4-Trichlorobenzene	8.05	180	581711	48.279	ng		97
31) Naphthalene	8.12	128	1805221	47.561	ng		99
32) Benzoic acid	7.90	122	428906	53.761	ng		98
33) 4-Chloroaniline	8.17	127	414413	24.476	ng		99
34) Hexachlorobutadiene	8.24	225	334967	47.159	ng		99
35) Caprolactam	8.56	113	181108m	52.002	ng		
36) 4-Chloro-3-methylphenol	8.66	107	582005	52.253	ng		99
37) 2-Methylnaphthalene	8.82	142	1222199	49.593	ng		98
38) 1-Methylnaphthalene	8.92	142	1160562	49.722	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	523825	45.404	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	626348	98.231	ng		97
43) 2,4,6-Trichlorophenol	9.09	196	418680	51.542	ng		99
44) 2,4,5-Trichlorophenol	9.14	196	442476	48.020	ng		99
46) 1,1'-Biphenyl	9.28	154	1425180	47.183	ng		99
47) 2-Chloronaphthalene	9.30	162	1141504	46.353	ng		98
48) 2-Nitroaniline	9.40	65	373002	50.120	ng		99
49) Acenaphthylene	9.72	152	1794579	46.908	ng		99
50) Dimethylphthalate	9.59	163	1570838	54.987	ng		99
51) 2,6-Dinitrotoluene	9.65	165	319408	52.043	ng		91
52) Acenaphthene	9.89	154	1250573m	51.415	ng		
53) 3-Nitroaniline	9.81	138	212787	27.644	ng		100
54) 2,4-Dinitrophenol	9.92	184	326462	91.351	ng	#	81
55) Dibenzofuran	10.06	168	1609060	45.746	ng		100
56) 4-Nitrophenol	9.98	139	584417	99.949	ng		99
57) 2,4-Dinitrotoluene	10.05	165	427217	53.006	ng		98
58) Fluorene	10.41	166	1140050	43.458	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	372700	53.124	ng		98
60) Diethylphthalate	10.29	149	1375676	47.609	ng		98
61) 4-Chlorophenyl-phenylether	10.40	204	560183	40.035	ng		98
62) 4-Nitroaniline	10.43	138	346099	46.158	ng		99
63) Azobenzene	10.56	77	1293574	47.024	ng		98
65) 4,6-Dinitro-2-methylphenol	10.46	198	232764	51.834	ng		96
66) n-Nitrosodiphenylamine	10.52	169	1162094	47.917	ng		99
67) 4-Bromophenyl-phenylether	10.89	248	404206	47.026	ng		95
68) Hexachlorobenzene	10.95	284	452608	48.678	ng		95
69) Atrazine	11.05	200	354331	58.994	ng		98
70) Pentachlorophenol	11.15	266	511006	95.934	ng		100
71) Phenanthrene	11.37	178	1796847	45.318	ng		99
72) Anthracene	11.42	178	1838329	46.173	ng		99
73) Carbazole	11.57	167	1782281	45.108	ng		98
74) Di-n-butylphthalate	11.90	149	2125806	46.622	ng		99
75) Fluoranthene	12.56	202	2018088	45.919	ng		98
77) Benzidine	12.67	184	913070	59.504	ng		99
78) Pyrene	12.79	202	2040275	49.446	ng		99
80) Butylbenzylphthalate	13.40	149	951665	51.737	ng		98
81) Benzo(a)anthracene	13.97	228	1592134	45.050	ng		100
82) 3,3'-Dichlorobenzidine	13.93	252	509815	38.236	ng		99
83) Chrysene	14.01	228	1762551	47.456	ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1057371	46.616	ng	#	99
85) Di-n-octyl phthalate	14.57	149	2197034	48.686	ng		99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1743257	41.753	ng		100
88) Benzo(b)fluoranthene	15.01	252	2009573	55.378	ng		99
89) Benzo(k)fluoranthene	15.04	252	1605174	48.502	ng		99
90) Benzo(a)pyrene	15.37	252	1658057	50.080	ng		99
91) Dibenzo(a,h)anthracene	16.89	278	1438440	42.177	ng		99
92) Benzo(g,h,i)perylene	17.30	276	1375920	40.917	ng		100

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

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