Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081720\
Data File : BF121310.D
Acq On : 17 Aug 2020 15:16
Operator : JU/CG
Sample : L3691-13MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S706-N-SO-0-0.5-081320MSD

Manual Integrations APPROVED
mohammad
8/18/2020 1:50:13 PM

Quant Time: Aug 17 17:17:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 10:52:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	81901	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	322471	20.00	ng		0.00
39) Acenaphthene-d10	9.74	164	169336	20.00	ng		0.00
64) Phenanthrene-d10	11.22	188	336456	20.00	ng		0.00
76) Chrysene-d12	13.86	240	288319	20.00	ng		0.00
86) Perylene-d12	15.27	264	279247	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	414795	76.78	ng		0.00
7) Phenol-d6	6.35	99	506170	72.71	ng		0.00
23) Nitrobenzene-d5	7.27	82	324484	54.99	ng		0.00
42) 2,4,6-Tribromophenol	10.53	330	160512	76.99	ng		0.00
45) 2-Fluorobiphenyl	9.06	172	593768	48.50	ng		0.00
79) Terphenyl-d14	12.80	244	658111	44.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	89994	39.146	ng		99
3) Pyridine	3.01	79	192208	32.118	ng		99
4) n-Nitrosodimethylamine	2.95	42	105005	42.842	ng		96
6) Aniline	6.36	93	218888	26.524	ng	#	44
8) 2-Chlorophenol	6.49	128	240358	40.462	ng		99
9) Benzaldehyde	6.25	77	144167	40.186	ng		94
10) Phenol	6.36	94	314197	41.606	ng		81
11) bis(2-Chloroethyl)ether	6.44	93	226372	41.528	ng		98
12) 1,3-Dichlorobenzene	6.65	146	247314	39.402	ng		99
13) 1,4-Dichlorobenzene	6.72	146	250732	39.522	ng		100
14) 1,2-Dichlorobenzene	6.87	146	238351	39.808	ng		98
15) Benzyl Alcohol	6.85	79	192251	41.227	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	317025	40.389	ng		99
17) 2-Methylphenol	6.97	107	193060	41.144	ng		98
18) Hexachloroethane	7.22	117	90593	40.381	ng		94
19) n-Nitroso-di-n-propylamine	7.12	70	150563	38.926	ng		98
20) 3+4-Methylphenols	7.12	107	234960	39.467	ng	#	84
22) Acetophenone	7.12	105	316625	38.121	ng	#	95
24) Nitrobenzene	7.29	77	241730	37.757	ng		97
25) Isophorone	7.53	82	437567	36.937	ng		97
26) 2-Nitrophenol	7.61	139	126686	40.839	ng		97
27) 2,4-Dimethylphenol	7.65	122	208520	41.954	ng		99
28) bis(2-Chloroethoxy)methane	7.75	93	282654	42.658	ng		99
29) 2,4-Dichlorophenol	7.85	162	197361	38.831	ng		96
30) 1,2,4-Trichlorobenzene	7.93	180	212531	37.887	ng		99
31) Naphthalene	8.01	128	675035	37.208	ng		99
32) Benzoic acid	7.78	122	111972	41.782	ng		98
33) 4-Chloroaniline	8.06	127	134601	18.180	ng		99
34) Hexachlorobutadiene	8.13	225	121909	35.918	ng		99
35) Caprolactam	8.43	113	64668m	42.242	ng		
36) 4-Chloro-3-methylphenol	8.56	107	204945	39.522	ng		94
37) 2-Methylnaphthalene	8.70	142	454848	38.099	ng		98
38) 1-Methylnaphthalene	8.80	142	428373	37.896	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	212933	37.528	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	128218	61.784	ng		98
43) 2,4,6-Trichlorophenol	8.99	196	142247	39.420	ng		99
44) 2,4,5-Trichlorophenol	9.03	196	154357	39.383	ng		98
46) 1,1'-Biphenyl	9.17	154	555790	37.986	ng		100
47) 2-Chloronaphthalene	9.19	162	422416	37.504	ng		99
48) 2-Nitroaniline	9.29	65	130910	41.350	ng		96
49) Acenaphthylene	9.60	152	682754	38.166	ng		100
50) Dimethylphthalate	9.47	163	617564	48.466	ng		100
51) 2,6-Dinitrotoluene	9.53	165	112457	39.592	ng		93
52) Acenaphthene	9.77	154	398684	37.642	ng		98
53) 3-Nitroaniline	9.70	138	73470	22.654	ng		94
54) 2,4-Dinitrophenol	9.82	184	99064	67.695	ng		96
55) Dibenzofuran	9.95	168	611817	36.273	ng		96
56) 4-Nitrophenol	9.87	139	186060	88.898	ng		94
57) 2,4-Dinitrotoluene	9.94	165	147815	39.654	ng		97
58) Fluorene	10.29	166	465540	36.462	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	130105	41.984	ng		99
60) Diethylphthalate	10.17	149	501940	38.737	ng		99
61) 4-Chlorophenyl-phenylether	10.28	204	226906	36.540	ng		95
62) 4-Nitroaniline	10.31	138	122513	37.677	ng		100
63) Azobenzene	10.45	77	483712	37.361	ng		99
65) 4,6-Dinitro-2-methylphenol	10.35	198	74687	37.334	ng		95
66) n-Nitrosodiphenylamine	10.40	169	430168	37.287	ng		99
67) 4-Bromophenyl-phenylether	10.77	248	150085	38.242	ng		94
68) Hexachlorobenzene	10.84	284	170275	38.047	ng		96
69) Atrazine	10.93	200	120729	34.986	ng		97
70) Pentachlorophenol	11.03	266	182946	90.877	ng		97
71) Phenanthrene	11.25	178	760145	39.491	ng		100
72) Anthracene	11.30	178	751074	38.884	ng		99
73) Carbazole	11.46	167	705514	37.347	ng		100
74) Di-n-butylphthalate	11.79	149	851585	39.938	ng		100
75) Fluoranthene	12.43	202	924885	43.152	ng		100
77) Benzidine	12.56	184	388822	51.299	ng		99
78) Pyrene	12.66	202	923927	43.033	ng		99
80) Butylbenzylphthalate	13.29	149	385009	43.900	ng		98
81) Benzo(a)anthracene	13.85	228	760042	38.866	ng		99
82) 3,3'-Dichlorobenzidine	13.82	252	234200	30.186	ng		99
83) Chrysene	13.89	228	786521	39.394	ng		99
84) Bis(2-ethylhexyl)phthalate	13.84	149	483988	40.038	ng	#	98
85) Di-n-octyl phthalate	14.46	149	940569	42.438	ng		100
87) Indeno(1,2,3-cd)pyrene	16.63	276	769058	37.042	ng		100
88) Benzo(b)fluoranthene	14.87	252	822951	43.983	ng		99
89) Benzo(k)fluoranthene	14.90	252	648734	37.337	ng		99
90) Benzo(a)pyrene	15.21	252	664277	39.335	ng		98
91) Dibenzo(a,h)anthracene	16.65	278	634008	35.639	ng		99
92) Benzo(g,h,i)perylene	17.04	276	667174	38.003	ng		99

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

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